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FEBRUARY, 1910

THE INDUSTRIOUS HEN



ONE YEAR 50c---THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM



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Sec. of Agriculture
WASHINGTON, D. C.



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Knoxville Tenn.



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Note shape of this pullet's back and tail. The photo does not do her justice either. They don't need an artist to paint them with concave backs and spread tails—my birds have them. If you want to keep up with that new Standard we look for next season, you had better get right. My matings this year are A No. 1. Eggs in any quantity on short notice. Raising chickens is no side line with me—it is my business.

**A. P. RYLAND
"THE CHICKEN MAN"
PINE HILL FARM, Pine Bluff, Ark.**

THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 6

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(Whole No. 69) No. 9

THE BRAHMA AS A UTILITY FOWL

WRITTEN FOR THE INDUSTRIOUS HEN BY MICHAEL K. BOYER, HAMMONTON, N. J.

Uncle Isaac Felch, in recent writings, is again extolling the merits of the Light Brahma fowl as a utility bird. Mr. Felch in his contention is correct. He has shown that this variety cannot only be made excellent winter egg producers, but that for broilers or roasters they have no superior.

The writer has bred Brahmas for years—probably as long as has Mr. Felch. The first love was the dark variety; but since the introduction of the Light Brahmas, that former variety seems to be placed in the background.

Between the two varieties, however,—the Light and the Dark—the former far excel. In point of plumage they about equally divide honors. But it is to the Light variety that we wish to particularly refer.

As winter layers, Light Brahmas, if properly fed and cared for, will give more eggs than any other breed the writer

that the American fad does not want feathers on the legs. And why not? We do not eat the legs, but the peculiarity of our market buyers say it spoils the appearance. We must cater to the whims of the market.

However, there is a place for them where there can be no objection, and that is in the roaster class. In this they are ideal. Large enough and fit for a king. There is both quality and quantity of meat. At six months of age they are in prime condition, weighing easily a pound for each month's age—six pounds for six months—and if they are kept for a full year, and all that time properly fed and cared for, they will give twelve full pounds for that year's lease of life.

Truthfully it has been said the Light Brahma is the King of the Roasting Fowls, but we wish to add an amendment—it is the Peer of the Utility Class.



Will Pelton and one of his Rhode Island Red Cockerels. Park Poultry Pens 2209 Fourteenth Ave., N., Nashville, Tenn.

has ever tried. Not only do they show their ability in numbers, but the size of the eggs exceeds that of any of the American or Asiatic classes, and, besides, the color—a rich brown—is of the best, and just such a shade that would fill the breeders of the American class with joy.

It does not end with their laying. They will make quick broilers—in ten weeks from the time they are born they are plump chickens. We can never forget a lot of young stock we some years ago saw on a farm in Massachusetts. They were but sixty-one days old, and the weights were, cockerels—we weighed but eleven—three pounds and one ounce for heaviest, and two pounds and four ounces for lightest. The pullets weighed two pounds and eight ounces for heaviest, and two pounds for lightest. These were live weights.

Mr. Felch himself accompanied us to that farm so that he might prove his contention that Light Brahma chicks at eight weeks of age make good, plump broilers.

But there is a marked objection to the Brahma as a broiler. It comes not in quality and quantity of flesh, neither is it the time of maturity, but simply in the fact

FACTS CONCERNING BLACK ORPINGTONS

I propose to mention a few facts concerning the Black Orpingtons. As for show birds I know no other fowl that breeds so true to color and shape; and since weight is a very essential quality, they are naturally large. I know of hens that weigh from $9\frac{1}{2}$ to 10 pounds, and cocks which will go 11 to 14 pounds. This is not hearsay but known facts, so you may see by this that as fancy poultry they are fine. For utility purposes they are unequaled among the big breeds. They grow off very fast, and just here let me mention a fact. A naked Black Orpington is a rare thing in the whole flock. When the size of one-half to three-quarter pounds, they are in full plumage. Meat is of a very fine texture, and white in color. So for city life the Black Orpington is the very fowl. Smut and smoke do not show on their plumage as on other varieties.

As layers, I think the Australian egg contest will prove their merits. I am satisfied the Black Orpington can and must eventually go down on record in this country as the best layers of all breeds mentioned in our Standard of Perfection. These birds have been known to lay at five and one-half months; of course that is not so very early, but at this age they are not cut off in maturity. I hope to show sometime in the future a correct record kept of a prize winner two years old. He has won four firsts and is still able to produce youngsters that I have sold to fancy dealers for the sum of \$15.00.—*A Breeder of Black and Buff Orpingtons.*

Indian Runner ducks are to the duck family, in egg production, what the Mediterranean class of fowls is in the chicken world. They are small ducks, averaging about four pounds in weight. English breeders claim that an Indian Runner duck at eight years old will lay as many eggs as a yearling duck of any other variety.

White duck feathers average in price in the market at from 37 to 39 cents per pound. Colored feathers bring from 17 to 23 cents per pound.

BOYER'S POULTRY TALKS

WRITTEN FOR THE INDUSTRIOUS HEN BY MICHAEL K. BOYER, HAMMONTON, N. J.

A small egg has much more shell surface in proportion to contents than has a large one, so that to run the machine to suit the small ones will be too damp for the larger ones, where moisture is used, and vice versa.

A hen that shows unusual development of the abdomen, and has attained the stage known as "down behind" is too fat for a breeder. The hens in a breeding yard should be in good condition, and kept active by scratching for grain.

A broiler will shrink as much as a half pound after being dressed. Live broilers should be shipped at three to four pounds per pair, and dressed, not under two and a half pounds per pair.

To a hungry person, any old hen may taste tender and good, but to the epicure, only the best grades sell well, and it is to this class that the market poultrymen must cater. They pay the price.

Fowls of the larger breeds are best fitted for fattening. The age may be anywhere from three to five months, and

Island Reds for fully thirty years. They are a solid, meaty fowl, with short thighs, long breast-bone, deep yellow skin and light pin feathers.

The White Wyandotte is a good sized blocky breed, well furnished with breast meat. Being small boned, their weight is in the meat, as compared with fowls of heavier frame. This variety leads for broilers and roasters, as they are hardy, the chicks grow fast and stand considerable forcing. Until the chicks weigh about a pound or a pound and a half, they grow very few feathers, their gain being in their plump bodies.

Linseed meal (oil cake meal) is the product of the linseed oil factories. As a poultry food it is superior to cottonseed meal. It is very fattening, and therefore should not be fed too strongly. Mixed with ground grain in the proportion of 20 to 1 is about right.

Bulk in food is required for health. Rich and concentrated food is not readily digested and invites disease. Some poultrymen are of the opinion that a craving for bulky food is one of the causes of feather-eating in winter among confined poultry.

Clover cured only enough to preserve is excellent, and fowls will eat a portion of it all winter when they would turn away from cabbage. The shattered heads of clover from the hay mows are one of the most valuable of foods for egg production in winter. Pour boiling water on the clover heads, cover them with a bag, and allow them to steam and soak until the mess has cooled down to about blood heat, then drain off the water and use a pint of wheat bran with each two quarts of clover heads. Mix thoroughly and feed warm.



Park Poultry Pens, 14th Ave., Nashville, Tenn. House where 35 Rhode Island Red pullets were kept during three weeks of cold, snowy weather, and from which as many as 22 eggs were gathered in a single day during this period. The house is 14x25 feet.

the condition of the birds should be such as to show healthfulness and a tendency to take on fat.

Fat poultry—but not hog fat—is pretty sure to always bring a good price. On the other hand, it hardly pays to ship poor, scrawny stock. If shipped together in one lot, the scrawny ones will cause the good ones to be cut down in price. It is profitable to sort and ship in separate lots.

The following method of "finishing" broilers, has been used by some poultrymen for a number of years: When nearly large enough for broilers, the chickens are put into a pen having a shady run and a shady side. Here they are given clean, fresh water once or twice a day, and all the fattening food they can eat. Corn in various forms is given—cooked, ground and whole. For variety warm potatoes and bread crumbs are added to the ration. Also, when it can be had, milk is given them to drink. This method will produce plump and fine looking carcasses.

It is generally believed that egg formation takes place at night.

The proper coloring of eggs is a dark brown for the Asiatics, a light brown for the Americans, and pure white for the Mediterraneans.

Roasters are shipped at from four to six months of age.

The majority of markets prefer yellow-skinned carcasses. The bulk of the meat of a fowl is placed in the breast and thighs. It is important to have a breed that grows rapidly and fleshes up young.

The market weights for roasting fowls vary from 2½ to 3 pounds, according to the season. Small bone, short legs and well rounded form are good points desirable. The early roaster markets call for light weight birds, the weight gradually increasing until late fall and early winter.

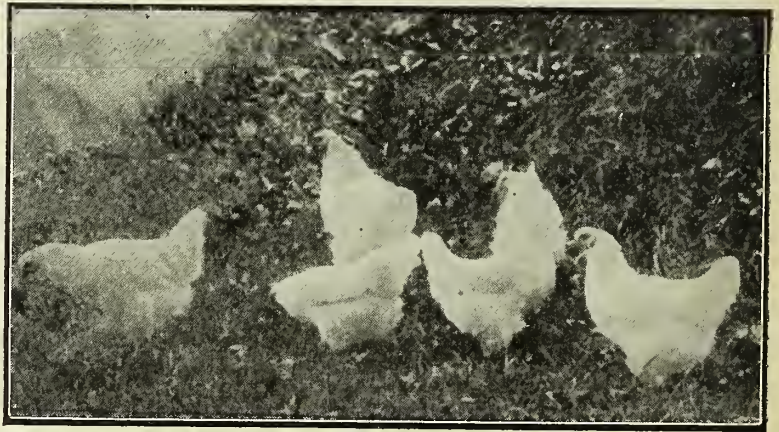
As a rule, chicks that grow their feathers slowly are hardier and grow faster than those that exhaust their strength by feathering out early.

The farmers of Rhode Island have bred the Rhode

PIANO-BOX HOUSE

The piano-box house is an old idea, but we always have some readers to whom it will be new and old readers often need to be reminded.

Perhaps the best plan is to get two piano boxes. Take off the backs and then place the boxes opposite each other back to back as far apart as the width of the backs, which are used to close up the open space and effect a union. Two timbers cut to slope each way, support the roof. An opening is made in front to be closed in damp or cold weather with a canvas frame. To the rear, inside is a roosting pole under which a dropping board is placed. The space under the dropping board is utilized for nests, and the floor is



Young Orpingtons, 5 months old, in yards of V. L. Sexton, Graham, Virginia.

covered with six inches of straw litter for scratching. Grit and lime boxes and a dust bath may be placed in the corners or under the nest shelf; also a drinking fountain. A door is placed in the front, and to utilize space, the front opening mentioned above would better be placed in this door. By properly utilizing the backs and tops of the boxes, very little lumber will be needed. This house will not be a large one, but it will accommodate very comfortably a limited number of hens and chicks. One advantage is that it can be moved frequently to a fresh location and thus avoid disease. Such a house is especially suited to the amateur or the small fancy breeder on the rear of a city lot.

TROUBLES OF THE POULTRYMAN

WRITTEN FOR THE INDUSTRIOUS HEN BY M. C. RICHARDSON, JR., FRONT ROYAL, VA.

I have often suggested to my friends that they try raising a few chickens along the more advanced lines, by employing modern methods with high class birds, and the answer I usually receive, is to me more or less annoying, as most every one replies, that to take care of chickens the way I do, is too much trouble; which is a very much mistaken idea. They are not so much trouble as the average person thinks, especially if you will expend a little extra money and time by having everything properly and conveniently arranged; which you can easily figure out by close observation of your birds, together with strict perusal of the poultry journals. Chickens are no more trouble than a horse and not so much as a cow; you give to these regular daily attention and feed. Try chickens along the same careful and thoughtful line and you will find they will recompense you handsomely. Of course the average person will tell you there is nothing in the business; these kind of people are usually failures at most everything they attempt, or else too lazy to work; because the energetic, successful, broad-minded man, usually gives a great deal of credit to the "man behind the gun," for he knows from experience that it is the man that makes the product pay. But I am writing this little article for the benefit of the beginner, who is going to have more or less trouble. that will have a tendency to sadly discourage him during his first season with the hens. For this first venture is usually started in the wrong way, merely through ignorance of the requirements of a chicken. In the first place, the idea occurs to him, that a hen, to lay eggs in winter, must be kept in a tight, warm house, which is exactly wrong, as has been proven by the successful plants adopting the open front house, which you, reader, will learn from the poultry journals that you should subscribe to even before you start to build. They can't thrive in a house that excludes the air, be it hot or cold. In winter they will crowd together at night and get very warm, coming out the next morning, cooling off rapidly and catching cold. In hot weather they

will not get enough fresh air to enable them to thrive. Then this new poultryman will crowd into his new house too many old, lousy, mongrel hens, simply because he remembers having heard his forefathers say, a common hen is healthier than a pure bred; which in a sense is true, because the common hen on the farm exists under the exact conditions nature intended, and we must copy this wonderful nature as closely as we possible can to be successful with our modern plants; for, while the free range hen is healthy and in good condition, I am satisfied the hens on our well-kept plants of today are much more profitable, if the management is following these laws of nature, and if not, you can bet this "plant" will never, never grow. And now that we have discussed and built a house, lets look around and see what breed of chickens we are going to let inhabit it. If you will pardon me I will inform you that I breed Rose Comb Rhode Island Reds, have breed them for a number of years, and I think the best puff I can give the Reds, is to say I expect to continue with them. But, reader, the chances are you have some other breed in mind, and if such is the case stick to it, for you will give the ones you like, better care. But, regardless of kind or color, get some specimens of the breed, feed them a good mixed grain ration, lots of fresh water, meat in some form, grit, oyster shell and charcoal before them at all times. Do your hatching with hens until you learn something about the requirements of a growing chick. Watch how Biddy handles them, then when you begin with incubators and brooders, you will have up your sleeve, so much knowledge about their requirements that you will be able to handle your machines successfully. And don't forget to keep them growing. Never give up; give them all they can eat three times a day and let them go wherever they wish. I have learned this from study and observation of the birds themselves, and if you will remember a few of the things I have mentioned, you will some day be able to impart to the other fellow a little something to help him out.

APPALACHIAN EXPOSITION POULTRY SHOW

Plans are being rapidly perfected for the holding of the great Appalachian Exposition at Knoxville, and it is a foregone conclusion that the poultry feature will be one of the leading attractions of the big Exposition.

The well known manufacturer, financier and railroad contractor, W. J. Oliver, is president, W. M. Goodman, director-general, with the following vice-presidents: Geo. E. Helm, W. J. Savage, C. F. Spence, Jesse Thomas.

Arrangements are under way to hold a Poultry Institute in connection with the show, and able lecturers and authorities on poultry culture in all its phases will be present and will discuss various subjects that will be of practical value to all who are in attendance.

L. B. Audigier, of THE INDUSTRIOUS HEN, has been appointed by the Director-General of the Appalachian Exposition as chairman of the Poultry Committee. Mr. Audigier has named as a committee to assist him in this work the following well known poultrymen: J. H. Henderson, J. C. White, E. E. Carter, R. P. Williams, W. J. Fraser, Knoxville; Jno. A. Murkin, Nashville; C. O. Harwell, Atlanta; W. L. Cleckley, Augusta; C. E. Coe, Memphis; J. P. Swift, Waynesville, N. C.; J. E. Hage, Asheville, N. C.; B. S. Horne, Keswick, Va.; C. Fred Ward, Winter Park, Fla.; L. C. Marsh, Washington, Miss.; C. T. Fallin, Greenville, S. C.; and C. H. Dozier, Marion, Ala.

The Poultry Show will be held October 10-15, which is the last week of the great Exposition, and during this time it will be the pleasure of Knoxville and her many thousands of visitors to see the grandest display of poultry ever exhibited in this country.

Put the Appalachian Poultry Show on your ticket sure, no matter where you are located. This show will be strictly interstate in scope and character—nothing local about it. Poultry forms no small part of the wealth of this great territory, and every enterprising breeder is expected to add to the success of the poultry section by patronizing the show with an exhibit of fowls. Competition will be especially strong as it is proposed to hold such a high-class show in every particular, that a winning here will equal in value and carry with it as much prestige as a Madison Square trophy.

EAST TENNESSEE POULTRY ASSOCIATION

At a meeting of the East Tennessee Poultry Association held at Knoxville on February 12, a resolution was unanimously adopted fixing the date for the sixth annual show to be held at Knoxville on January 18, 19, 20 and 21, 1911, and all subsequent shows to be held on the last four days of the third week in January. It was also decided to hold a comparison show in January, 1911, owing to the increased demand for this method of judging.

The members of the East Tennessee Poultry Association and exhibitors were requested to lend their individual efforts in making the poultry exhibit of the Appalachian Exposition a credit to this great poultry region.

If you are a member of the East Tennessee Poultry Association, you are requested to send the name of any judge of your choice for the coming show in January, 1911, and the same will be given due consideration by the committee making the selection of judges at their meeting to be held February 24, 1910.—JNO. E. JENNINGS, Secy.

At the above meeting the following resolutions on the death of Mr. H. C. Austin, which occurred October 3, 1909, were read and adopted:

Whereas, it has pleased our Heavenly Father in His infinite love and wisdom to remove from our Association by death our faithful and much beloved friend, Mr. H. C. Austin; and

Whereas, we very deeply feel this great loss both to our Association and personally, yet we bow in humble submission, when we remember that it is the will of our Heavenly Father who doeth all things well.

Resolved, therefore, that we tender to his bereaved wife and family our earnest sympathy in this, their time of great affliction.

We commend them to the watchful care and keeping of our Heavenly Father who careth for all and who is able to keep in perfect peace all those who put their trust in Him.

C. W. HENDERSON,
H. A. REEP,
J. H. HENDERSON,
Committee.

TIMELY SUGGESTIONS ABOUT CHICKEN HEALTH

WRITTEN FOR THE INDUSTRIOUS HEN BY J. A. THORNHILL, HARTSELLS, ALA.

THERE is no part of a fowl's body so important as the liver and bowels. Upon them the health and condition of the fowl depends. The digestion and assimilation of all food depends upon them. If these organs are in a healthy condition at all times, you will get profitable returns from your feed. To keep your fowls healthy and in a fat condition, it is necessary that the liver be active and the bowels open and in proper shape. It isn't necessary at all times to dope them with some kind of liver medicine, but it is essential that their bowels be free and active. Some good stock liver medicine will be found profitable if given once a week in small doses. Fowls are like the human family, to a certain extent. They will over-eat, especially if something is given them that they like exceptionally well. When this is done, a good liver medicine should be given to free the bowels of accumulated matter.

An open and free digestive system tends to ward off contagious diseases. There is scarcely a sickness that has not constipation and liver troubles complicated with it. Poor digestion and a sluggish liver are at the bottom of most poultry ills. Colds, etc., are often the result of derangements of these organs. All fowls that are found sick, it matters not what the ailment is, will be affected

with bowel disorders; and often, as soon as these are righted, the manifestations of the disease will abate.

Foods that keep the liver active should be provided. Green food, mash food, etc., are good for this. Most poultry tonics that are advertised will be found good, provided they are fresh. I have bought stock liver medicine put up in tin cans that was absolutely worthless. One of the best liver regulators and bowel purifiers is carbolic acid, about 20 drops to each gallon of drinking water. I use it with my fowls, whether sick or well, once a week, and find that they need no other.

If a fowl's digestion is good, the liver active and the premises kept clean, its keeper need not bother himself about its health. Neither is there any cause for him to worry about the food given such a fowl being wasted. A fowl's liver and digestion cannot be kept in a healthy condition when it is compelled to roost in filthy quarters, drink dirty water, and eat moldy food.

Reader, remember that the digestion and liver must be right for you to get all that is due you out of the food you feed your poultry. Your loss or gain will be governed altogether by and through this one channel.

KNOW YOUR HENS AND POINTS ON FEEDING

Get acquainted with your hens; learn them to know you, and you know them, as you would your horses and cattle. Many people have an idea that there is some secret about making hens lay at the time of year when eggs are highest. If you have a mind to form an acquaintance with your hens and are willing to devote untiring efforts with them in the application of your best judgment in care and feeding, there is a reasonable certainty of your obtaining good results. There is no secret about it. It is a fact, though not generally understood, that the chief factor in profitable egg production is the man. A good strain of layers will do better than a poor strain, but the best egg producers in the world will not do their best except by the aid of a person who knows his business and will attend to it regularly.

We all have overfeeding to guard against, the same as underfeeding. I think rather more poultry is given too much food than not enough. One would naturally think, though, at the present values of hen food, people would be a little careful about how they dished it out. Especially in the spring there is a tendency to feed pretty heavy with a view to getting the chickens ready for market as early as possible. A large per cent of the loss among chickens is due to this improper feeding. A good thrifty chicken will often eat more than is good for it. But in feeding heavily, if a good allowance of green food is supplied regularly with the more concentrated food, there is less danger. And plenty of exercise is very important. This applies to both old and young. A good many overfeed and the hens or chickens—whichever they may be—get out of condition before the attendant notices that there is anything wrong with them. And it's a slow process to repair such a wrong. Fowls need a variety of foods, especially at this season of the year when the breeding season is at hand. In the matter of balancing a ration, I have always found that a ration which is sufficient in quantity and provides the variety of food necessary to make it appetizing, will be on the whole a pretty well balanced ration. The danger of overfeeding comes when giving hens or chickens food of which they are fond; as a mash, for instance, containing too much corn meal. Have a system in your method of feeding and care. It won't make so much difference with the hens what system you adopt so long as you adopt one and are reasonable about it.—VINCENT M. COUCH, Cortlandt, N. Y.

be done quicker. We say it can not, if done as well; but granting that it can be done in half the time, two judges could do the work by comparison that four would do by the card system. This would put half the judges out of business if all the shows should turn from score to comparison. There are none of the most radical of the comparison adherents but will say that the score-card show will bring out more birds. This means more judges, more work and more wages. Besides this, a card show is more satisfactory, because the worst kicker is afraid to open his mouth, for the other fellow is right there with his birds and cards, and may "butt in" and want to compare birds and cards, and no matter how sore a person feels over defeat, he does not want to risk being laughed at for making himself conspicuous in this way.

W. G. Warnoc of Geneseo, Ill., says in *Progressive Poultry Journal*: "Suppose the best bird in the class scores no more than 90 points, which is sometimes the case, where will the third and fourth prize birds land." We say: where will the fellow land who buys such prize birds? Answer—among the kickers.—ROGERS RANCH, Pleasanton, Iowa.

BOURBON RED TURKEYS

I am a breeder of several years' experience and find that the Bourbon Red turkey—Kentucky's "Banner Bird"—the one for those who have poor crops of turkeys. They, being more domestic and staying at home better, can be easily raised with the chickens, and are the very best dressers for the market; being as plump as a quail and taking on flesh at a very early age. When you want a 40-pound tom you must purchase a Bronze. Bourbon Reds do not attain that great weight, but have all those traits of character which go to make up a good flock of birds.

If a neighbor raises any other breed, one can readily tell the turkeys—even the Bourbon Red half-breeds can always be picked out of a flock of a hundred fowls—because of a peculiar band marking belonging to no other breed. We have sold as many Bourbon Reds this year as we have Bronze, shipping them as far south as Cuba. I tell my husband that my Red birds are becoming as popular as his saddle horses. We are sending a fine saddle horse—name, Ramey-Denmark—to the neighborhood of THE INDUSTRIOUS HEN at this writing and wish he may have as good a home as he has found amidst the "Bluegrass fields of Old Kentucky."—MRS. N. R. GULLIOM, Eagle Farm, Sparta, Ky.

WHY JUDGES SHOULD FAVOR THE SCORE CARD

Rogers Ranch is in favor of the score card and is trying to persuade the judges that it is to their interest to work for the score card system. For this reason we are writing this article to several of the leading poultry journals hoping all the judges will read it. One point always presented in favor of the comparison system is that the work can

It is claimed that nux vomica is a specific for liver complaint in fowls, if taken in time. The dose is given in Homeopathic form, allowing six pills three times a day to a large fowl, and less to a smaller one.

GET OFF SOME EARLY HATCHES

WRITTEN FOR THE INDUSTRIOUS HEN BY L. C. MARSH, WASHINGTON, MISS.

To the man that owns an incubator, this is easy, as he does not depend on hens to do the work; but those who are not so fortunate as to own a hatching machine are sometimes up against it. I set fifty eggs in my incubator, and as fast as I have hens to take the nest, I give each one fifteen eggs from the incubator. In this way I have 40 to 60 eggs hatching at one time and still they are hen hatches. The hens that have set only a week or ten days are reset. In this way I get the most service both from



First S. C. Brown Leghorn cockerel at Arkansas State Fair, Oct. 1909, a son of "King Edward." Bred, owned and exhibited by N. B. Spearman, Ida, La.

my hens and my 50-egg machine. But to have broody hens you must first have laying hens; so the sooner you get your hens laying, the earlier you will begin to take off hatches. My method of starting the hens to laying is this: I select ten or twelve of my poorest birds and feed them in the morning a dry mash made by adding green cut bone (or beef scraps) to one of the mixed horse and mule feeds now on the market. To this I add a little corn meal. My proportion is: green cut bone (fresh from the butcher), one pound; horse and mule feed, one and one-half pints; corn meal, one-half pint. This is enough for ten or twelve hens. I never force my choice breeders. For night feed I use a scratch hen feed scattered in deep litter. On very cold days I place a pan of corn in the oven and mix it with the scratch feed which gives them a nice warm supper. Try this and you will soon have all of the broody hens you need. My best breeders are fed on scratch feed night and morning and are given only a little of the mash about

twice a week. I give all of my birds as much green food as I can. This is how I am making a living from sixty hens and I don't use the Philo System either. Too many beginners try to start with a few hens and a "rooster" instead of buying choice eggs for hatching. This is wrong unless you have money to buy the best thoroughbred stock from a breeder who has line-bred for years. By buying eggs for hatching you start with a perfected strain of blood, and all you need is good common sense to carry on the breeding to produce birds as good as the man's from whom you bought. By buying birds and trying to cross up strains (not breeds), only gets the beginner into deep water. It is far better to get your present stock to laying, sell or eat your eggs, and when your hens get broody, send to some reliable breeder and get some really first-class eggs for hatching. Then you will begin with a strain of blood equal to the best. After that, it's up to you as to the quality of birds you will breed. Aim to breed the best and you will find the poultry business both a pleasure and a profit. Be sure to get off as many early hatches as you can.—L. C. MARSH, Washington, Miss.

FRENZIED ADVERTISING

Accepting your offer to print anything for the good of Southern poultrymen, I herewith submit a suggestion which I think will benefit the entire profession. I refer to the present methods of "frenzied" advertising. Pick up any journal, or in fact any periodical or newspaper of the country, and you will see whole and half-page advertisements of \$10,000 Peggies, \$12,000 Empresses, \$1,000 Queens, etc., ad nauseam. It is too much like "pink pills for puny people." No other high-class association in the world would permit its members to use such tactics. The medical profession has suppressed this among its members; and is not our profession as honorable and of as high standing as the medical?

As an example of the merits and benefits (?) of such methods will relate a little incident that recently occurred here. One of the leading breeders of this State, who has meritorious stock, picked a pullet, gave her a high sounding name, and advertised her through the press and at shows with a great deal of exaggeration—thus reminding one of the attempts of a press agent to boost some second-rate actress—and as the bird scored less than 95 this appeared ridiculous to the older poultrymen. At the time named, this breeder had her in a separate, small cage, placed on top of the regular exhibition coops with a placard attached, stating that her eggs were worth \$1.00 (just why was not stated.) Another breeder secured a common dung hill, one of the worst looking specimens obtainable, placed her in a cage with a placard attached, stating her name was "Madam Winninski", cost \$1,280,763.15, and her eggs were worth \$1,000 each. She attracted more attention than the first bird, and placed the breeder in a very ridiculous attitude.

The point I desired to make is that such methods are lowering the standard of our profession and are placing our business on a cheap and low plane, causing thinking people to class us as shysters and as a breed of exaggerators. These ads appeal to no one but the ignorant and what is generally termed "suckers," and when they get caught it hurts the legitimate breeders as all breeders look alike to most purchasers.

The journals can insist in eliminating this class of breeders, as such ads are of no lasting benefit to the ones making them or to the journals printing them. Advertisers should be compelled to furnish references. I once thought they did and surprised one or two editors by sending same.

Should like to hear of others on this point, and hope to see the day when we will have none but sane, dependable advertising.—GEO. M. WELLS, Pine Bluff, Ark.

A CORRECTION

In looking over the Asheville Show awards, I noticed an error which I would be glad to have corrected. Mr. H. B. Neel tied on 1st Barred Rock pullet instead of 2nd Barred Rock Pullet, as stated in the awards. I am sure this is an error of the head and not of the heart.—MRS. C. B. CAMPBELL, Sec'y, Asheville Poultry Association.



DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

Entered at the Knoxville Postoffice as second-class matter

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50c A YEAR, THREE YEARS \$1.00

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THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to Poultry and kindred Industries. Contributions that are practical and pithy are solicited.

The Editor is not responsible for and does not always endorse the opinions of contributors.

Subscribers desiring a change in address will please give the old as well as the new postoffice.

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Bills for advertising in THE INDUSTRIOUS HEN are due and payable the first of the month following the one in which the advertising appears.

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72 inches and less than 200 inches 20 %
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No discount on less than 72 inches, to be used during the year.
Line rate, 9 cents, subject to the above discounts on yearly space orders only.

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Copy for changes must reach us by 25th of previous month

SPECIAL NOTICE TO SUBSCRIBERS

Your address on the wrapper indicates when your subscription expires. In order not to miss a number is should be renewed one month in advance. If, after your name appears the date "January 11," it means that your subscription is paid to January 1911, and unless renewed will be discontinued after that date.

If a large letter "X" is stamped in the panel at the left of this paragraph, it means that the time for which you paid your subscription has expired, and, unless renewed before the next issue, will be discontinued; therefore, if you do not want to miss THE INDUSTRIOUS HEN, YOU SHOULD RENEW AT ONCE. Do not fail to send us either 50 cents to pay for your subscription for another year, or \$1.00 to pay for the paper for the next three years. Better send \$1.00 and have the best and most helpful and practical poultry journal found in the world coming to you regularly every month for the next three years.

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EDITORIAL PARAGRAPHS

A HEN RECORD

A California poultryman gives to the *Pacific Rural Press* the flock record of 50 hens which he owns. They were White Leghorns and not picked birds. The average number of eggs per year was 185; per month it was 15.6. Each hen paid for the year in the gross, \$5.54. Her feed cost \$1.95. The average net receipts were \$3.59. Total gross receipts were \$276.86.

* * * *

PRACTICAL FOWLS

In the poultry business the tendency has been very strong towards the practical. The fancier's idea of beauty has been largely overcome with the demand for great numbers of eggs or heavy meat production. The purely fancy breeds are not now in evidence at the shows as they once were, and yet there are some people who still have an eye to beauty and novelty whose trade it is worth while to cater to. There will always be an opening for some one to propagate fancy stock.

* * * *

FUTURE OF POULTRY

The poultry business has a bright future. The prospect was never better for good demand and high prices. The price of meat is high and this will make eggs and poultry still higher. In some of the large cities eggs have sold as high as 60 cents a dozen, and they will probably go higher in periods of scarcity. Every farmer should strive to raise all the poultry he can this year. It is the best chance in this line that he ever had. It will pay to look after its improvement.

* * * *

THE SPRING CAMPAIGN

Are you getting ready for the spring campaign? In the ordinary course, this issue of THE HEN will greet you with some warm February days. That is a sign of the coming spring. Already the hens are laying and soon eggs will be coming by the dozens and hundreds!

Are you ready? Are the poultry houses, the coops, and the incubator all cleaned up and waiting? Are the new nests all made and ready? Perhaps you already have a dozen hens setting and the incubator loaded with its first hatch of eggs? The first chicks may even be in the brooder!

This is none too early if you are going to make the most of your big opportunity during the spring season near at hand. Of course you have all the breeding stock you need. If not there is not a moment to lose in obtaining it.

Have you finished mating up your pens properly? It should have been done before this. If you are a fancier you have attended to it, and, if you are simply a general farmer with poultry as a side issue, you don't want to neglect the matter entirely.

The farmer will mate for better layers among his pullets next fall. He will pick roosters who are sons of the best laying hens and whose grandmothers were the same, and so on, back as far as he can. The farmer cares more for eggs than for perfection in form and color.

Is your feed all ready? When the little chicks appear and pass their day's fast there must be no lack or delay. If you are preparing broilers or fryers they must be pushed from the start and all the time. The early bird gets the worm and the first spring chickens that come into market get the most fancy prices.

* * * *

STILL WINTER EGGS

It is not too late to still say something more about winter eggs. Sometimes it even helps to look back upon the opportunity that has just passed, and see how we failed to improve it as we should have done. This may make us remember what to do the next time. Besides the winter is not yet all gone and early spring eggs are worth looking after.

There is a general principle which should guide us in this as well as all other undertakings. It is, that to gain success we must meet the conditions for success. To get winter eggs you must provide the conditions that bring them. There is no other satisfactory way. Unregulated conditions may now and then bring an egg but there is no business in that. You want to be master of the situation and control production.

How shall we do this? In the first place we must pro-

cure a strain of hens that have the winter laying habit firmly implanted in their natures. They must be the result of many years of careful breeding. Those having the strongest tendency to winter laying having been always selected for mating. Thus the disposition to lay in winter becomes at least a second nature. It can be depended on in a business way if other conditions are right.

In the next place we must surround our hens with conditions as closely resembling those of the natural spring laying season as possible. They must have at least something of the warmth and general sunshine of spring weather. This is obtained largely by the structure and location of their house if not by artificial heat. No effort should be spared to bring about as near as possible this condition of affairs. The nearer you come to it the greater success you will have.

Of course you must know exactly how to feed for winter eggs. Both quantity and quality of food should be such as suit your conditions and the requirements of your hens, both collectively and individually. This will require study, research and experience. You should acquaint yourself thoroughly with the experience of others who have succeeded in this business, and to this add common sense and your own experience.

You must make the experience of your hens as much like that of the laying season in springtime as possible. Then they have an abundance of green food. So must they have now. Then they have bugs and worms. So now they must have meat scraps and other protein food to take their place. They must have a scratching place to secure their food just as they do in woods and fields in springtime. Then, especially when a warm turn comes in the weather, if you provide all the favorable conditions, your hens will feel as if spring is coming and begin at once to lay eggs.

* * * *

HOW TO SUCCEED

Most people make poor success not only in the poultry business but in nearly everything they try to do. You see them every day all around you. You wonder why they don't know better and don't do better; but so it goes, and so it has been going since the foundation of the world. Only a few are destined to meet with great success.

The first cause of failure is lack of preparation. Thousands of persons start in the poultry business without knowing thoroughly a single principle in the entire business. They know really nothing about what is required in feeding fowls or in caring for them or in keeping them in a healthy condition. They don't know, indeed, that any thorough or scientific knowledge is necessary. They think just anybody can keep chickens whether prepared or not. They fail and charge it to their bad luck or say there is nothing in the business anyway.

Thousands of people get it into their heads that they want to run an incubator. Somebody has told them there is big money in it. They have no thought of the necessity for an exact knowledge of the business. "Oh, anybody can do that," they say, "All you have to do is to light a lamp and go ahead." You imagine they find out their mistake later, but they never do. They never learn that they simply didn't know how to run an incubator. They say the business is no good, without an idea that a lot of expert knowledge is required to make it a success.

Many people fail in business because they haven't the gift of continuity. They take up a trade or start a business and run quite briskly for a while; but things don't come out as they expected and their ardor wanes. Then they pull out and go at something to repeat the same performance. They don't see that they are always earning learners' wages or getting beginners' profits, or rather losses. Countless numbers of people waste their lives in this way. The way to succeed is to carefully decide upon your line of work and then stick to it through thick and thin. Success comes only through prolonged effort and close study and application. The business you follow must be a lifetime job if you make anything worth while out of it.

So if you think of going into the poultry business because you are out of a job, or think it is easy work, or because you expect to make a fortune in two or three years and retire on a handsome income, we beg you to disabuse your mind of that illusion. The poultry business is a good one, but it is not fringed with rainbow hues. It is serious and demands staying qualities. If you mean business and want to study and work and do a little waiting, the poultry business is all right. If you are fitted for it and go at it right you will succeed just as people do in other lines. As old Davy Crockett said, "Be sure you are right and then go ahead."

QUERIES AND ANSWERS

Q. What is your advice about an incubator?

A. With regard to an incubator, we would advise you first to read up thoroughly on the subject and learn all you can about incubators and how to run them. You can get an abundance of literature free from the manufacturers who advertise in THE INDUSTRIOUS HEN. Write a postal card requesting information and literature about their incubators. They will send it.

Q. What incubator would you recommend?

A. We could not undertake to make a distinction among so many and especially when all are so good. Selecting an incubator is a personal matter the same as selecting a breed of poultry. Some parties will prefer one kind and other parties another. There is no "best" incubator, just as there is no "best" breed of chickens. All the leading kinds are good. You pay your money and take your choice.

Q. Many people fail with incubators. How may I avoid failure?

A. By knowing what to do when you enter upon the work. After studying the literature of incubators, if possible, visit some person who is running an incubator successfully and see exactly how he does it. Get him to explain everything thoroughly. Then go home and do the same way yourself.

Q. I find my chickens full of lice. Please tell me how to get rid of them.—L.C.E., Dothan, Ala.

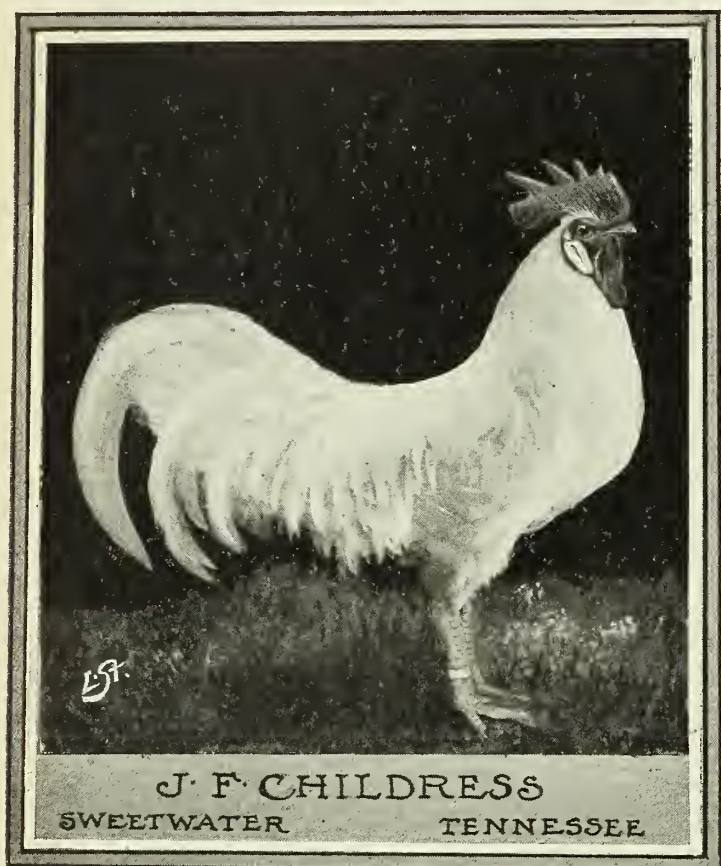
A. For lice on young chicks, rub pure lard into the feathers on top of the head and under the throat. For older birds, except hens with young chicks, mix a teaspoonful of flour of sulphur with an ounce of lard and rub it in about the head, under the wings and around the vent. The sulphur is hurtful to small chicks. Apply every day or so till the lice disappear. Also clean up the houses, coops, and entire premises thoroughly, and cover roosts, walls and floors with dry dust, ashes or lime. Provide ample dust baths for the fowls, mixing sulphur and insect powder in the dust.



S. C. Brown Leghorn pullet, winner of five firsts, a silver cup and club specials. Bred, owned and exhibited by N. B. Spearman, Ida, La.

THE ATLANTA POULTRY SHOW

The Atlanta Poultry Show held January 18-23, was one of the best shows ever held in the South. The patronage from the Southern States was most liberal and Northern and Eastern breeders had many birds on exhibition. There were large entries in all the leading varieties, Barred Plymouth Rocks and Orpingtons leading with what was believed by many to be the finest exhibits of these two classes ever seen



"Clarence," first cock in recent great Atlanta Show. This grand bird has to his credit three first prize ribbons, and is the sire of many prize winners, both in pullets and cockerels. Owned by John F. Childress, Sweetwater, Tenn.

in this section. Though bad weather continued throughout the entire week, the attendance at the Auditorium-Armory, where the show was held, was fully up to the expectations of the management.

Its officers were present and worked industriously for its success. Mr. H. Hastings, president; C. O. Harwell, secretary; J. M. Karwisch, treasurer; Mr. W. V. Zimmer, chairman of the executive committee, with Messrs. Loring Brown and M. F. Morris, was a team that argued the success of their undertaking.

Mr. Harwell gave eminent satisfaction in his management of the show. The Atlanta Poultry Association is one of the best officered in the South and many were the compliments paid the management by the visitors. Every city in Georgia was represented by leading poultrymen. They all took an active interest in the success of the show. Mr. Jno. A. Murkin of Nashville, who has had more experience than any man in the South in the management of poultry shows was in attendance and rendered valuable assistance. Mr. Murkin has the business methods of a poultry show at his fingers' ends and his versatile experience with its complications renders his services almost invaluable when the chickens and the crowds get together.

The Augusta Poultry Association was represented by Dr. W. C. Cleckley, president of the American Game Bantam Association, Mr. M. C. Jones, R. S. Guess and others.

Geo. Ewald, of Cincinnati, and W. C. Emery, of Carthage, Mo., judged the birds, and Alf. Bertling superintended the show.

Besides the well-known local breeders in the Atlanta territory, there were present many prominent breeders and exhibitors from a distance, among them being Percy A. Cook, of the firm of William Cook & Sons, Scotch Plains, N. J., who originated the Orpington fowl. Mr. Cook made some heavy winnings, sold a large number of birds, and booked many egg orders for future delivery.

Mrs. S. C. Bridgewater, of Dixon Springs, Tenn., the

largest Single Comb Buff Orpington breeder in the South, was present with a big bunch of remarkably fine birds that almost swept everything before them. She won 1st, 2nd and 5th pens; special silver cup for best cock and hen in class; special badge for best hen in show, any breed or variety; five special badges for best pen in show; 2nd pullet; 2nd cockerel; 3rd cock. This is certainly a most enviable record. Judge Ewald remarked that Mrs. Bridgewater's Orpingtons were the finest type he had ever seen in either Europe or America. Mrs. Bridgewater sold some birds as high as \$100 each, and booked many egg orders at \$1.00 a piece.

Miss Alice Pelton, of Park Poultry Pens, Nashville, Tenn., among other winnings, captured 1st pen, S. C. Black Orpingtons, in competition calculated to test the merits of the very best exhibition birds.

We were pleased to see our old friend, C. H. Dozier of Marion, Ala., in addition to other awards, capturing special for best parti-colored pen in show. Best solid colored pen in show was won by M. F. Morris of Atlanta. H. E. Chapman of Inman, S. C., won special for best cock in show; Belmont Farms, Smyrna, Ga., special for best cockerel, and Flem Hazen, Jr., of Knoxville, special for best pullet in show. E. E. Carter, of Knoxville and Dr. H. T. Boyd, of Sweetwater, made nice winnings in the S. C. Brown Leghorn class; and Jno. F. Childress, of Sweetwater, Tenn., was there with the right goods in the S. C. White Leghorn class. His splendid winnings will be noted below under the proper head.

Des-Rena Poultry Yards, Greenville, S. C.; E. L. Doak & Son, Nashville, Tenn.; C. A. Dobbs, Gainesville, Ga., and many other breeders who are familiar to the readers of THE HEN, had birds on exhibition, and all made good records.

Below we give the awards at the Atlanta Poultry Show in full:

S C Brown Leghorns—E. E. Carter, Knoxville, Tenn., 1ck; 1hen; 1ckl; 3pul. Dr. H. T. Boyd, Sweetwater, Tenn., 2ck; 2,3hen; 4ckl; 1,2 pul; 2pen. Belmont Farms, Smyrna, Ga., 3,4ck; 4,5hen; 2,3ckl; 4,5 pul; 1,3pen. W. E. Bailey, Commerce, Ga., 4pen. *S C White Leghorns*—John F. Childress, Sweetwater, Tenn., 1,2ck; 2hen; 1ckl; 1pul. Kimballville Farm, Atlanta, 3ck; 4hen; 4ckl; 4pen. W. B. Hardeman, Commerce, Ga., 4ck. Belmont Farm, Smyrna, 5ck; 1,3,5hen; 3ckl; 3, 5pen. George J. Gray, Carrollton, Ga., 2ckl; 2,5pul. George R. Tompkins, College Park, 3,4pul; 1,3pen. *S C Buff Leghorns*—Andrew Calhoun, Atlanta, 1ck; 4,5hen. J. A. Wings, Spartanburg, S. C., 1,2,3 hen; 1ckl; 1,2pul. *W P Rocks*—Flem Hazen, Jr., Knoxville, Tenn., 1 ck; 1pul. C. O. Harwell, Atlanta, 2ck; 5pul; 1pen. J. M. Karwisch, Atlanta, 3,5ck; 3hen; 2,3ckl; 3,4pul; 2,5hen. J. P. Patterson, Fitzgerald, Ga., 4ck; 1ckl; 3pen. F. J. Call, Atlanta, 1hen. J. M. Hart, College Park, 2hen; 5ckl. W. B. Hardeman, Thomas, Ga., 4,5hen. L.



Second cock at the great Atlanta Show. Bred by the White Leghorn man, John F. Childress, Sweetwater, Tenn.

D. White, Atlanta, 4ckl; 2pul. J. B. Banks, Columbus, 4hen. *White Wyandottes*—M. F. Morris, Atlanta, 1ck; 1,5hen; 2ckl; 1,4pul; 1pen. Rye'son Guess, Augusta, 2,5ck; 2hen; 1,3ckl; 3pul; 4pen. E. L. Doak & Son, Nashville, 3,4ck; 4hen; 4,5ckl; 5pul; 3pen. Andrew C. De Hoss, Paradise, La., 3hen; 2pul. R. H. Plant, Jr., Macon, 2hen. W. E. Bailey, Commerce, 5pen. *B P Rocks*—Belmont Farm, Smyrna, 1,4 ck; 3hen; 4,5ckl; 1pul; 2,4pen. O. H. McWilliams, Rome, Ga., 2ck; 2hen; 5pul; 3pen. C. H. Dozier, Marvin, Ala., 3ck; 4hen; 1pen. J. W. Grigg, Mount Juliet, Tenn., 5ck; Des-Rena Poultry Yards, Greenville, S. C., 1hen; 3ckl. Pope & Pope, Louisville, Ky., 5hen; 3pul. M. H. Collins, Fairburn, Ga., 1ckl. Kimballville Farm, Atlanta, 2 ckl. Andrew C. De Hass, Paradise, La., 2pul. W. F. Dykes, Atlanta, 4pul. *Buff P Rocks*—C. T. Tallin, Greenville, S. C., 1,2ck; 1,2hen;

1,2ckl; 1,3pul; 1pen. J A Pickard, Atlanta, 4,5hen. J H Crowell, Parrott, Ga., 3 hen; 3,4ckl; 2,4,5pul. J B Banks, Columbus, Ga., 2pen. *Columbian Wyandottes*—William J Lloyd, Chattahoochee, Ga., 1,2,4,5ck; 1,2hen; 2,3,4,5pul; 1,2,3pen. R S Guess, Augusta, Ga., 3ck; 3,4hen; 1ckl; 2,3pul; 4pen. *Buff Wyandottes*—H H Verdery, Augusta, 1ck; 1,2hen; 1,2pul. *Silver Wyandottes*—H H Verdery, Augusta, 1ck; 1hen; 1,2pul. *Partridge Wyandottes*—Bob Meadows, Dahonega, Ga., 1ck; 1hen; 1,2ckl; 1pul. *S C Black Orpingtons*—W F Fry, Birmingham, Ala., 1ck; 3hen; 2pul. William Cook & Sons, Scotch Plains, N. J., 2ck; 1hen; 1ckl; 1pul; 2pen. Park Poultry Pens, Nashville, Tenn., 2hen; 4hen; 4ckl; 1pen. W E Bailey, Commerce, 2ckl. W B Hardeman, Commerce, 3ckl; J M Hart, College Park, 3pul. *S C White Orpingtons*—P J Harlee, Chattahoochee, 1ck; 1hen; 1,2pul; 1pen. William Cook & Sons, Scotch Plains, N. J., 2ck; 2hen; 1,2ckl; 5pul; 2pen. Kimballville Farms, Atlanta, 3ck; 3hen; 4hen; 4ckl; 4pul; 3pen. C A Dobbs, Gainesville, Ga., 4ck; 5hen; 3ckl; 3pul; 4pen. Dr T M Spruell, Temple, Ga., 5ckl. *R C R I Reds*—W F Bailey, Commerce, 1ck; 1,2hen; 1pen. S L Allen, Marietta, Ga., 2ck; 3,4hen; 1ckl; 2,3pul. W B Hardeman, Commerce, 3ck; 2ckl; 1,4,5pul. *S C R I Reds*—Callahan & Son, East Point, Ga., 1ck; 1,3hen; 3ckl; 4pen. T W Martin, Decatur, 2,4ck; 4hen; 2ckl; 3,5pul; 1pen. W B Hardeman, Commerce, 3ck. Belmont Farm, Smyrna, 5ck; 5hen; 1ckl; 2pul; 2pen. C A Dobbs, Gainesville, 3hen; 2pen. Joe T Wallace, Dalton, Ga., 4ckl. A M Pearson, Sylacauga, Ala., 5ckl; 4pul. J H Perrin, Meridian, Miss., 1pul. R H Plant, Jr., Macon, 1pen. *S C Buff Orpingtons*—H E Chapman, Inman, S. C., 1ck; 3hen. William Cook & Sons, Scotch Plains, N. J., 2ck; 1ckl; 3pen. Mrs S C Bridgewater, Dixon Springs, Tenn., 2ckl; 2,3,5pul; 1,2,5pen. Newberry Orpington Yards, Mountain City, Tenn., 4ck; 5hen; 3ckl. John F Brooks, Temple, 5ck; 2hen; 5ckl; 4pen. W E Hendricks, Pickens, S. C., 1hen; 4ckl; 4pul. W B Hardeman, Commerce, 4hen. D A Dewey, Abbeville, S. C., 1pul. *Houdans*—Gorwood Poultry Yards, Atlanta, 1ck; 1,2,3,4hen. John F Sevier, Atlanta, 2ck; 5hen. Kimballville Farm, Atlanta, 1pen. *S C Black Minorcas*—C H Ledford, Atlanta, 1ck. T F Hicks, Atlanta, 2ck; 1,2hen. E S Lumpkin, Atlanta, 1pen. *Pit Games*—Carlisle Cobb, Athens, Ga., 1ck. T F Hicks, Atlanta, 2ck; 1,2hen. E S Lumpkin, Atlanta, 1pen. O J Terrell, Atlanta, 1ck. *Buff Cochin Bantams*—Belmont Farm, Smyrna, 1,3ck; 2,4hen; 1ckl; 1,2pul; 1pen. Smith & Connally, Atlanta, 2,4ck; 1,3hen; 2ckl; 3,5pul; 2,4,5pen. W R Allard, Atlanta, 5ck; 5hen; 3pen; H H Verdery, Augusta, 3ckl; 4pul. *Black Cochin Bantams*—Smith & Connally, Atlanta, 1,2,3,5ck; 1,2,3hen; 1ckl; 1,2pul. Andrew Calhoun, Atlanta, 4ck; 4hen. *Partridge Cochins*—Belmont Farm, Smyrna, 1ck; 1,2hen; 1pul; 1,2pen. *White Cochin Bantams*—J M Hart, College Park, 1ck; 1pul. *Golden Seabright Bantams*—Belmont Farm, Smyrna, 1,2ck; 1,2hen. Carlisle Cobb, Athens, 1ckl; 1,2pul. *Black Tail Japanese Bantams*—George S Austin, Atlanta, 1,2ck; 1,2hen; 1ckl; 1pul. *Rose Comb Black Bantams*—Mrs C L Phelps, Aiken, S. C., 1,2hen. *Black Breasted Red Game Bantams*—Dr W C Cleckley, Augusta, 1,3,4ck; 1,3,5hen; 3ckl. 1pul; 1pen. *Red Pyle Game Bantams*—Belmont Farm, Smyrna, 1,3ck; 2,3hen; 2,3pul. Smith & Connally, Atlanta, 2ck; 1,4,5hen; 1ckl; 1,4pul. *Silver Duckwing Bantams*—W R Allard, Atlanta, 1ck; 1,2,3,4,5hen. *White Game Bantams*—George R Donnelly, Atlanta, 1ck; 1hen. *Berchin Game Bantams*—Smith & Connally, Atlanta, 1ck; 1hen. Belmont Farm, Smyrna, 2hen; 1ckl; 1,2pul.

PIGEON AWARDS.

Kimballville Farms, Atlanta, Red Pie Pouters, 1ck; 1hen; Black Check Show Homers, 4,5ck; 4,5hen. Runts, 1,2,3ck; 1,2,3hen. Carneau, 3,5ck; 2,3hen. White Homers, 3,4ck; 3,4hen. J. D. Reynolds, Marietta, Black Jacobins, 1ck; 1hen. Blue Jacobins, 1ck; 1hen. Red Jacobins, 1ck. White African Owl, 1ck; 1hen. Silver African Owl, 1hen. Chinese Blue Owl, 1ck; 2hen. Black Nun, 1ck; 1hen. Black Magpies, 1ck; 1hen; Yellow Magpies, 1ck; 1hen. Red Magpies, 1ck; 1hen. John T. Wrigley, Atlanta, White Fan Tails, 2ck; 3hen. J. R. Donovan, Atlanta, White African Owls, 2ck; 2hen. V. A. Ham, Newnan, Ga., White Fan Tails, 1,2,3ck; 1,2,4hen. Yellow Fan Tails, 1ck; 1hen. H. E. Boynton, Atlanta, Red Jacobins, 2ck; 1hen. White Jacobins, 1ck; 1hen; Yellow Jacobins, 1ck; 1hen. Black Check Ex-Working Homers, 1ck; 1hen. White Ex-Working Homers, 1ck; 1hen. English Owls, blue, 1ck. English Owls, silver, 1hen. Chinese Owls, blue, 1ck; 2hen. Archangels, dark brown, 1ck; 1hen. English Pouters, red, 2ck; 2hen. English Pouters, white, 1ck; 1hen. Bruners, white, 1ck; 1hen. Bruners, any other color, 1ck; 1hen. English Carriers, blue, 1ck; 1hen. English Carriers, black, 1ck; 1hen. English Dun, 1hen. Dragoons, white, 1ck; 1hen. Dragoons, blue, 1ck; 1hen. Dragoons, yellow, 1ck; 1hen. Belmont Farm, Smyrna, Black Check Show Homers, 1ck; 1hen. English Runts, silver, 5ck; 5hen. Red Carneau, 2,4ck; 5hen. Black Muff Tumblers, 1ck; 1hen. White Dragoons, 2ck; 2hen. Black Dragoons, 1ck; 1hen. Squab Breeding Homers, silver, 1ck; 1hen. Show Homers, 2,3ck; 2,3hen. Runt, 4ck; 4hen. Carneau, 1ck; 1hen. White Homers, 2,5ck; 2,5hen.

SPECIAL AWARDS

S. C. R. I. Red Special—Best shaped female and best colored female, T W Martin, Decatur, Ga. Best Parti-Colored pen in show—C. H. Dozier, Marion. Best Solid Colored pen in show—M. F. Morris, Atlanta. Best cock in show—H. E. Chapman, Inman, S. C. Buff Orpingtons. Best Hen in show—Mrs. S. C. Bridgewater, Dixon Springs. Best Cockerel in Show. S. C. R. I. Reds—Belmont Farm, Smyrna. Best Pullet in show—Flem Hazen, Jr., Knoxville, W. Plymouth Rock.

BIG PROFIT IN PEKIN DUCKS

Pekin ducks, or "Green" ducks, as they are called, are fast taking the place of chickens for broilers: they have so many advantages over chickens. Almost any beginner can start with Pekin ducks and make a success. All that is necessary is to observe a few simple rules and all goes well; but to raise chickens you have to make a thorough study of the business and then usually lose the biggest part when trying to raise them by artificial incubation.

Ducks mature in eight weeks to four or five pounds, maturing soon enough to catch high prices even when set four or five weeks later than chickens. This makes them quick money. They very seldom have lice, roup, cholera, or any of the kindred diseases which chickens are subject to. They require less heat in brooders, and for a much

shorter time and can be confined in a fence two feet high. Very seldom have I known a person to start with ducks for early broilers and fail. They must be fed ground feed when young; some bulky food like bran and corn meal, clover meal, etc., and the most essential part is some kind of commercial meat, beef meal or beef scraps.

For beef meal, I use for old laying ducks and young growing stock one-fourth part after ducks are two weeks old; not so much when very young. Feed the growing stock all they will clean up three times a day and see them grow.

Some people say they will eat their heads off. Well, they do eat big, but they put on just as many pounds for food eaten at chickens do; and when old stock is not laying, from July 1st to January 1st, they don't need to be fed as much as a goose. In fact they lay stronger eggs and more of them when you put the feed to them January 1st, if kept poor the remainder of the year. They must always have shade (or they will have sun stroke) and water they can get their heads down into. This keeps their heads clean. In cold weather don't let them get wet, or they will chill; but in warm weather they are far better off to get right in and have a swim at any age.

Almost any old shed is good enough for ducks, provided it is kept dry with plenty of litter. I place a ten-foot board one foot from wall with opening at each end, and all open back of it. Here is where you will find the eggs buried early in the morning. And by the way, they will lay an egg for almost every day from February 1st to the middle of June. People laugh at me for saying that my ducks lay more than one egg a day, but it is true. I had two pens of seven and ten that laid more eggs than



Stiff Loving Cup won by D. E. Macgowan, Memphis, Tenn., for highest scoring pen of birds, any class, at the Little Rock, Ark., Show.

the number of ducks three days in a week. But they must be forced with commercial meat to do this.

We get from 20c to 25c per pound, live weight, in Chicago about June 1st for our young ducks. In shipping long distances it is better to dress them, as they not only will not shrink, but by throwing them in cold water to plump after dressing you can add one-half pound in weight to them. —OSCAR WELLS, Farina, Ill.

It is claimed that a single comb fowl fattens best. An English authority says he has found that a single comb fowl always grows fatter and plumper than any others.

It is a waste of food to keep young cockerels after they weigh five pounds to the pair, as they are sold as "old roosters" after their combs grow. While the market rate for old roosters is from five to nine cents a pound, young ones often sell at from fifteen to twenty cents per pound. It is a loss to keep them longer than when they are old enough to sell.

POULTRY ON THE FARM


 WRITTEN FOR THE INDUSTRIOUS HEN
BY AN OLD FARMER

FARM NOTES

What about raising turkeys this year? The general farmer is the man to do it successfully. He has the range to furnish green truck and grain-picking and grasshoppers, which make a balanced ration. The selling price is certainly high enough to tempt the most avaricious.

Do you know about the Bourbon Red turkey? We see it mentioned favorably in the *Indiana Farmer*. It originated in Kentucky and has spread over the Northwest. It is not quite so large as the Bronze and is not a rover. Old toms are said to weigh 30 pounds (some 40) and the hens 18 pounds.

To succeed with poultry on the farm, you must have the right kind of stock, the right kind of feed and the right kind of shelter. Then you must give your birds the right kind of care and be the right kind of a poultry keeper yourself. A small flock need not take much of your time but you must mean business.

The right hens should come from some pure breed but that may be selected to suit your own taste. They should also be selected from the best in that breed. There is often a greater difference between individuals in a breed than between the breeds themselves. However, you don't want to mix breeds. That is the way to run out to nothing.

The farmer's wife often speaks about being lucky or unlucky with regard to getting winter eggs from her hens. The fact is that it is a matter of management rather than luck. When you get eggs and your neighbor does not, it is not luck that makes the difference.

WHAT GRANDMA SAYS

One thing I say is that eggs from well-grown hens hatch better and make more vigorous chicks than eggs from immature pullets. Send the eggs of the latter to market and save those of the former for setting.

As in human beings, so in poultry, blood tells. Or in other words you want to know what kind of stock is behind your birds, back even for several generations. Every egg contains a pedigree that will tell for good or evil.

Don't push the breeding capacity of your fowls too vigorously. The male should not be mated with too many hens if you want all your eggs to hatch, and the hen that overlays herself generally does so at the expense of future usefulness.

For the sake of a big market price winter eggs are very desirable, but the hen generally gives them at the expense of less efficiency in furnishing her portion of the spring hatch. Winter eggs are not natural where cold weather prevails.

Breeding fowls should have plenty of exercise. This gives increased circulation of the blood and better nourishment in every part of the body. Scratching in litter and range work keeps every organ in healthy action.

If possible set all eggs before they are a week old. After that their hatching power is on the decrease. To set eggs that have been laid two weeks you will incur much risk of chicks dead in the shell.

Don't fail to make plenty of good nests for your hens and have them in a place to themselves. They may be put in different places and should be somewhat secluded or hidden. Put the nest on the ground but let the ground be dry.

WISE WORDS BY UNCLE BEN

Success with poultry is in the man and in the hen and in the feed and in a lot of other things too tedious to mention, but not too many for the right man to master if he wills to do so.

Some writers are very enthusiastic about Indian Runner ducks. One of them says they will out-lay anything he ever saw in feathers. Can't some reader of THE HEN give us his or her experience with this bird which some people say lays so wonderfully and eats so little?

This wonderful Indian Runner duck requires water only for drinking purposes. It is not necessary to have water for him to swim in, but a small brook at the back of his yard is not objectionable for grown-up specimens.

The poultry raiser should know well the character of every food compound and its work in the body—protein

to replace worn-out tissue; carbohydrates to produce heat and energy and to fatten; fat to do the same only two-and-a-half times as well; mineral matter to make bone; and water to irrigate the body.

When you advertise, always give prices and full information. Spell out every word in full. Always mention the style of combs your fowls have. Don't say that your birds are from another man's strain for that will make us want to go to him. Don't say that you have Reds, Rocks and Leghorns, for there are varieties of each kind and we want to know which. Avoid all these mistakes and you won't be left to wonder why nobody answered your ad.

Fresh air is as necessary to the hen in her sleeping room as to her master. The air may be cool but it must not be close or damp. Muslin in the window is better than glass because it gives more fresh air and yet keeps out the dampness. With dry, fresh air and plenty of good feed, Leghorns have been known to lay in zero weather.

WHAT UNCLE HENRY THINKS ABOUT IT

Some one has said there is no profit in lice. That is true. Better kill the lice and trust to getting profit out of your hens. You can't run both successfully at the same time.

Don't put different kinds of eggs in the incubator at the same run. They will hatch out at different periods and bother you. Keep the hen's eggs to themselves and put the goose eggs in at another time.

Think what an egg is made up of. Its matter, or contents, are largely liquid. Hence the hen cannot do without water and do much business in the line of laying eggs. Give her plenty of pure water if you want her to give you plenty of eggs.

We are told to put our roosting poles near the ground, but there is doubt about it. It is true that fat hens can get down from the low roost without danger of shock, but fowls always feel safer from dogs and vermin on a high roosting pole.

It is bad policy to feed hens nothing but corn all the time. They want variety just the same as you do. If they can't get it by foraging, you must supply it to them in wheat, oats, cabbage and meat scrap.

By all means keep your coops and houses clean. Filth is a breeder of disease. It encourages lice and mites and reduces the vigor of your birds. Filth and health do not harmonize in the same incubator.

You may test a few eggs by putting them in a basin of water. They will lie on their sides if they are good. When bad they stand on their small ends. Very old and bad eggs even float on the surface of the water.

MARKETING EGGS

Don't forget that marketing your eggs right is one prime factor of success with poultry. The first thing, of course, is to please the customer whether you sell by wholesale or retail. If the customer is not pleased you will lose your trade and do no good.

The first way to please your customer is to sell him none but good stock. This is absolutely necessary. It will never do to have a spoilt egg go upon the table of a discriminating customer who pays a big price for a fine article.

If you aspire to highest-price customers you should sell in cartons, or neat paper boxes with each egg wrapped in tissue paper in a small compartment to itself. At wholesale these boxes add but little to the cost of production but greatly increase profits. Have your name, business and postoffice address, with a beautiful poultry scene printed on the top of the box. These will add much to your character as a poultryman and enable you to ask higher prices. But the greatest thing is to live up to all this by never meriting a complaint of any kind.

Before packing your eggs they must be graded carefully. White eggs should be put to themselves and dark shelled ones the same. Throw out all that are undersize, or oversize, or in any way abnormal. Every egg must be perfectly clean and fresh. In hot weather they should be gathered twice a day and kept in a cool place. They should be marketed at longest, once or twice a week. In delivering goods, your personal appearance and the character of your horse and vehicle will tell decidedly upon your business.

TURKEY TALK

Address all Inquiries to
MRS. J. C. SHOFNER, MULBERRY, TENN.

Questions and Answers

Q. Please tell me what is the matter with my turkeys and chickens. They have warty-looking sores on heads and wattles; eyes swell up and close; some of them have yellow actions from bowels and refuse to eat, while others have a ravenous appetite, but can't see to eat.—MRS. J. G. R., Sardis, Miss.

A. Your fowls have sore-head, or chicken pox, which is caused by mites or germs from mites. A thoroughly sanitary place never originates sore-head; but when once started it is contagious. Your sick fowls should be isolated, after giving each individual a thorough dip of carbolic acid and oil of some kind. I use seven to ten drops of acid to a tablespoonful of oil, for external use. I also use blue stone in water or food. Fumigate premises with carbolic acid or coal tar.

Q. The fine tom I bought of you last year was such a fine breeder I wanted to keep him another year, but he had limberneck. Can I use him again, or will he be impaired as a breeder?—MRS. H. M. C., Memphis, Tenn.

A. There is nothing to hinder your tom from being as good to breed from another year as he ever was, if the disease did not leave him in a weakened condition that has impaired his general health. "Jumbo Jim," one of the finest turkeys I ever owned had limberneck just six weeks before I sent him to St. Louis, in 1904, to the World's Fair, and won second prize on him. I used him in my best pen next season and never raised a better per cent of offspring. Limberneck does not impair the system like roup or any of those tuberculosis diseases.

The X Ray Incubator is Different

If you are one of the people who are given to saying that all incubators are alike, just send a postal to the X-Ray Incubator Company, 36th St., Wayne, Nebraska, and get their late catalog.

You'll be startled at the differences and the more you study that catalogue the more you'll be convinced that the X-Ray Incubator people know what they are doing. They are practical poultry people, and they have worked out a practical machine that has made a great record.

They claim that they have the only really new thing in incubators in 25 years. The best part about it is that their new things have proven to be marvelous successes. For instance, they put the lamp under the machine instead of at the side. They put it right square in the middle and bring the heat up through the center of the egg chamber.

They put the doors on top instead of at the side. They ventilate in a moment by raising the door and allowing the heat and hatching fumes to rise. One minute gives as thorough ventilation as eggs in the nest when the hen is off. Hatching temperature is restored in 15 minutes. Other incubators require several hours. Thermometer always in sight. Eggs do not need to be removed during entire hatch.

They waste no heat, and waste no oil, because they control the burner in the lamp. Their device raises and lowers the flame automatically. They generate just as much heat as they need—no more; no less. They waste none. Hence they make a complete hatch with one gallon of oil. Other incubators require three gallons.

Write to them on our say-so and get and read their catalog. It will benefit any one who knows or wants to know the truth about incubators.



One of the breeding houses of D. E. Macgowan, 933 McLemore Ave., Memphis, Tenn.



Rear view, breeding house of D. E. Macgowan, Memphis, Tenn., showing rye and oats runs, 50x100 feet.



Famous Sweepstakes pen of White Wyandottes at Atlanta, Ga., January, 1910. Exhibited by M. F. Morris, Box 255, Atlanta, Ga., whose birds have won first prizes at the big shows, including Chicago.

WHITE WYANDOTTES

Missouri State Show, Dec. 6th, 1909. On 4 entries, 4th cock, 5th hen and 1st cockerel, Silver Cup for whitest and best bird in show. A. P. A. Gold Medal for best cockerel in show. Eggs from 5 grand pens. Write for mating list. **W. E. JOHNSON & SON, Box B, LEXINGTON, KY.**

Sooner or Later You'll Own a Cyphers Incubator

YOU'RE bound to own a Cyphers—some day. It is the *logical* incubator for the man or woman who is *done* "experimenting." But it's far better to own a Cyphers *first* than *last*. The Cyphers is not the highest-priced incubator. Yet it is the best incubator at *any* price. Its splendid construction—its absolute safety—sets it apart from common incubators. We get best quality Michigan White Pine—light, workable; the best resistant to heat and moisture.

We pack the double walls and top of the Standard Cyphers with the best, most expensive non-conductive materials. The Cyphers is a hot-air machine. That means no tanks to rust

corrode and spring a leak—also more even temperature, and full protection for the eggs.

The patented Diffusive principle applies the heat gently and evenly. No air currents or direct draft to chill the eggs.

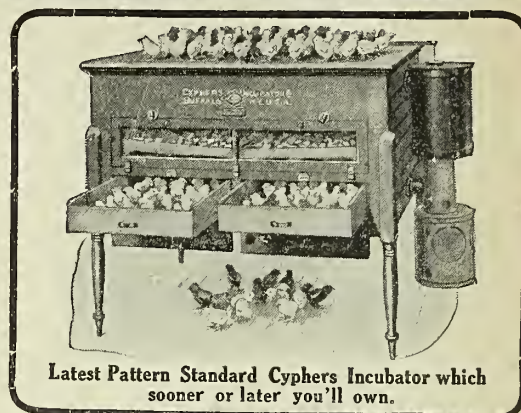
The Standard Cyphers is a genuine non-moisture incubator suited to all climates. It is self-ventilating and self-regulating.

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Every Cyphers Incubator is warranted for 10 years without repairs, if ordinary good care is taken.

We guarantee Cyphers Incubators to *YOU* personally—to bring out a larger percentage of the fertile eggs in larger, healthier chicks or ducklings than any other style or make of incubator.

We want to send you our big 160-page Cyphers Catalogue for 1910. It fully describes all the Cyphers Incubators and Brooders, from "popular sizes" up to Cyphers Mammoth 6,000 to 50,000-egg machines. Just fill out the coupon, mail it to us today.



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Buffalo, N. Y.

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Form of Brass Label to be found (in serial numbers) on every 1910 Standard Cyphers Brooder.

Awards at Herndon, Va.

Barred Plymouth Rocks—G W James, Hamilton, Va., 1ck, 3pul; 1pen. C B Williams, Gaithersburg, Md., 2ck; 1hen; 2ckl; 1pul. M A Quinn, Alexandria, Va., 3ck; 3hen. M K Stroud, 2hen; 1ckl; 2pul; 3pen. J L Moffett, 3ckl. W H Elmore, 2pen. **White Plymouth Rocks**—D J Hoge & Son, Lincoln, Va., 1ck; 1hen; 1,2ckl; 1pul. Ayre-Walker Farm, 2ck; 2,3hen; 3ckl; 2,3pul; 1pen. Sysonby Garden, Petersburg, Va., 2pen. **Buff Plymouth Rocks**—G L Lewis, 1ck. J W Silcott, Bluemont, Va., 2ck; 1,3hen. McGlinchy & Howard, 3ck; 3ckl. L C Madison, 2pul. Geo. Gantt, 3pul. Sysonby Garden, 3pen. A H Kirk, 2hen; 1,2ckl; 1pul; 1,2pen. **White Wyandottes**—Hutchison & Heitmuller, 1ck; 1hen; 1ckl; 1,2pul; 2pen. A H Buell, 2ck; 2,3hen; 1pen. T U Dudley, Middleberg, Va., 2,3ckl; 3pul. Miss C E Eccles, 3pen. **Silver Laced Wyandottes**—Ayre Walker Farm, 1,2,3ckl; 1pen. H H Scott, Culpepper, Va., 1pul; 2pen. **Golden Laced Wyandottes**—Buell Stanley, 1hen. Mrs A H Kirk, 1ckl. **Columbian Wyandottes**—H A Soger, 1pen. **Partridge Wyandottes**—F A Kirk, 1ck; 1hen; 1,2ckl; 1pul; 1pen. Roberta Detwiler, 2pul. **S C Rhode Island Reds**—Mrs A S Harrison, 1,2ck; 2,3hen; 1,2ckl; 1,3pul; 1pen. Smith & Driver, Hinton, Va., 1hen. H Day, Gaithersburg, Md., 3ck; Buell Stanley, 3ckl. Roberta Detwiler, 2pul. **R C R I Reds**—Smith & Driver, 1ckl. **S C Buff Orpingtons**—Hutchison & Heitmuller, 1ck; 1hen; 3ckl; 1pul; 2pen. Van A Zahn, Falls Church, Va., 1,2ckl; 1pen. **S C Black Orpingtons**—W A Metzger, Leesburg, Va., 1ck; 1hen; 1ckl; 1pul. **S C W Orpingtons**—H Day, Gaithersburg, Md., 2ckl; 2pul; 1pen. **S C W Leghorns**—M K Stroud, 1,2ck; 1ckl; 1pen. W M McNair, 3ck; 1hen; 2ckl; 2pul; 3pen. H A Soger, 2hen; 3pul. L C Madison, 1pul; 2pen. **S C Brown Leghorns**—G B Williams, 2hen; 1ckl. N B Warner, Hamilton, 1pul; 1pen. H H Scott, Culpepper, Va., 2ckl; 2pul; 2pen. Ayre-Walker Farm, 3ckl; 3pul; 3pen. Roberta Detwiler, 3hen. J A Hawkins, 1hen. **S C Black Leghorns**—N B Warner, Hamilton, 1ck; 1,2hen. **R C B Minorcas**—J E Wilkins, 1ck; 1,2,3hen; 1ckl; 1,2,3pul; 1pen. **R C White Minorcas**—Roberta Detwiler, 1hen. **S C Black Minorcas**—A H Burton, 1ckl; 1pen. Roberta Detwiler, 1pul.

Buell Stanley, 1,2hen. **Blue Andalusians**—Buell Stanley, 1,2,3pul. **Silver Laced Hamburgs**—Buell Stanley, 1ck. **White Face Blk. Spanish**—Buell Stanley, 1ck. **Blk. Sumatra Games**—N B Warner, 2,3ck; 1,2hen; 1,2,3ckl; 1,2,3pul; 1,2,3pen. J E Wilkins, 1ck; 3hen. **Cornish Indian Games**—Ray S Wampler, Timberville, Va., 1ck; 1,2,3hen; 1ckl; 1pen. H Day, 2ck. **White Indian Games**—H Day, 1ck; 1hen. **Buff Cochins**—Otto B Williams, 1ck; 1,2hen; 1,2ckl; 1,2pul; 1pen. **Partridge Cochins**—Buell Stanley, 1ck; 1,2,3hen; 1ckl; 1pul. **Blk. Langshans**—D J Hoge & Son, 1ck; 1hen; 1pul. **Light Brahmas**—Roberta Detwiler, 1pul. J E Wilkins, 1pen. **Buttercups**—E E Gillette, 1pen. **Houdans**—McGlinchy & Howard, 1pen. **Silbies**—Mrs Thomas Tippet, 1ckl; 1hen; 1,2

ROSEBANK POULTRY FARM
ROUTE 10, NASHVILLE, TENN.

— S. C. —
RHODE ISLAND REDS

WRITE FOR
SHOW RECORDS

EGGS
AND
STOCK
FOR
SALE

F. G. DAVIS
NASHVILLE,
TENN.

WINNERS WHEREVER SHOWN

1ST PULLET TENNESSEE STATE FAIR '09
1ST PULLET MEMPHIS, TENN. FAIR '09

pul. **Pekin Ducks**—J L Moffett, 1,2drake; 1,2duck. McGlinchy & Howard, 3drake, 3duck. **Indian Runner Ducks**—McGlinchy & Howard, 1 drake; 1,2,3duck. **Bronze Turkeys**—O B Williams, 1,2tom; 1,3hen. J L Moffett, 1hen. **White Holland Turkeys**—J L Moffett, 1 tom; 1,3hen. W W Evans, Hamilton, Va., 2tom, 2hen.

In addition to the above there was a large class of different varieties of Bantams in the show to which prizes were awarded. N. B. Warner, of Hamilton, Va., won two cups, one for largest and best display; the other for largest and best display, single variety. A. H. Kirk, Herndon, Va., won cup for best pen in show, as did also Hutchison & Heitmuller for best male bird in show. Two other cups were awarded, one to D J Hoge & Son, Lincoln, Va., for best female, the other to O. B. Williams, Gaithersburg, Md., for the largest bird on exhibition.

All addresses not given are understood to be Herndon, Va.

THE CLIPPER

will cut tall grass, short grass and weeds, and do all the trimming along the fences, walks and drives.

If your dealers do not keep them, let us know, and we will send circulars and prices.

Clipper Lawn Mower Co., Dixon Ill.

KRYSTAL WHITE ROCK

COCKERELS AND PULLETS FOR SALE

Some good exhibition birds in the bunch. I book egg orders now for early spring. Pens 1 and 2 consist of members of 1st and 3rd prize pens at Clinton, Ia., show last month. Pen 1, \$3 per 15; Pen 2, \$2 per 15.

HARRISON RUTH, Morrison, Illinois



Crown Bone Cutter
Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to day for catalogue. Wilson Bros., Box 816, Easton, Pa.

**BEST MADE
Lowest
in Price**

An Interesting Incubator Catalogue

One of the most interesting incubator catalogs we have received this season is that of the Wisconsin Incubator Company of Racine, Wisconsin. This advertiser has made a remarkable success of a plan of selling incubators and brooders that no other concerns have followed out as yet, and that is, supplying an incubator and brooder (two machines) for only \$10, freight prepaid.

One of the features of their catalog which appeals to us very strongly is the candid, straightforward way in which they describe how their machines are made—the kind of material and fixtures that are used—and backing all this up with a 30-day trial offer that relieves the purchaser from all risk in buying these machines. Another feature that impresses us is the excellent endorsements they receive from their customers, showing their goods bear out every claim they make for them when in the hands of their users, and this, no doubt, is the real reason of the unusual success the Wisconsin Incubator Company are enjoying.

At first it might seem impossible for a concern to manufacture and sell a 125-egg incubator and 100-chick brooder, freight prepaid, for \$10, but they have been doing this for years, and this year are putting out a better machine than ever, using in their incubator high-grade California redwood, which everyone knows is the best lumber that can possibly be put in an incubator. Read their advertisement in this issue. Mention Box 57 when you write.

Roup and Its Treatment

For the benefit of our readers who have their troubles with roup, we are pleased to print a letter on page 272 from Mrs. Herron, Eagleville, Mo., who has had serious loss from this disease, and who gives her experiences through these columns, in hope that they may be helpful to others. The treatment she recommends is inexpensive, can be had promptly by sending to the address she gives, and is certainly worth a trial, as it is easier to prevent roup than to cure it after once started among a flock.

Wilber Bros. in Harness Again

The many readers of THE HEN will be pleased to know that Wilber Bros., the noted S. C. White Leghorn men, have purchased a new forty-acre farm near Cleveland, Tenn., and are now ready to take care of the wants of their numerous friends and patrons in a manner much more satisfactory than ever. These gentlemen start an ad in this issue of THE HEN and if interested, we advise you to write them, stating what your requirements are. You will be most courteously treated.

Greider's Poultry Book

**Better, Bigger
than ever**

**200
PAGES**



Everyone interested in poultry—the man with a big poultry farm as well as the man with a few hens—should have Greider's Poultry Book. It contains 200 pages of just the kind of information you need, 30 handsome colored plates showing pure-bred stock. The book is full of practical help, gained through actual experience on the largest poultry farm in Pennsylvania. Write for it today. Price, 10 cents.

B. H. GREIDER, Box 101, Rheems, Pa.

THIS BOOK
tells how and where to buy stock, eggs, incubators and supplies at reasonable prices. Don't miss this chance.

JAS. CARMICHAEL, Prop. HAWKINS COUNTY POULTRY FARM ROGERSVILLE, TENN.

Breeder of fancy and utility poultry. S. C. Reds, Hampton Strain, eggs \$2.00 per 15. S. C. W. Leghorns, Pierre Strain, Eggs, \$1.50 per 15. My Pens are made up of the best stock that can be obtained in the South. Satisfaction guaranteed or money refunded.

S. C. BUFF ORPINGTONS BEST IN AMERICA

Certified best ever seen by three licensed expert poultry judges and a world breeder of Orpingtons. Two Loving Cups for best cock and best hen and pen. Special badge for Kate, best hen in show, three thousand birds competing, Atlanta, Ga., 1910. One pen Crystal Palace winners of the Blue, London, England. Foundation stock a specialty. Eggs for sale.

Mrs. S. C. Bridgewater, Breeder, Importer and Exporter Dixon Springs, Tenn.

OUR 1910 MATING LIST

is now ready and we will be pleased to mail a copy to all who are interested.

"PEERLESS" BARRED ROCKS

are bred primarily for utility purposes, yet they have the winning habit. At the 1909 Mississippi-Louisiana Fair (the only show we made) they won two blues and two specials on two entries. Address

PEERLESS POULTRY YARDS, Box 25, Washington, Miss.

Send for HOPE'S Holiday Jewelry Catalogue

Profusely illustrated. It's free on request. Shows the very latest ideas in Fine Jewelry, Tennessee Pearl Jewelry, Watches, Gems, Sterling Silver Novelties, Flatware and Hollowware, Libbey Cut Glass, Rookwood Pottery, Pickard China and other fine Gift Wares.

WEDDING INVITATIONS, Announcements, Cards, Stationery, richly and correctly engraved in our own plant. Send for samples and prices.

**JEWELERS
EST. 1868**

**HOPE BROS. 519 Gay Street
KNOXVILLE, TENN.**

S. C. BUFF ORPINGTONS

Imported strain, rich golden buff throughout, up to weight. Mine are winter layers, and win the Blue. Eggs \$2.00 per 15. Stock a matter of correspondence.

MRS. LULA LAWSON

Route 4, Box 2, Cleveland, Tennessee

LUMLEY'S LANGSHANS

(Black and White), R. I. Reds and Leghorns, (S. C.), Pekin and Indian Runner Ducks. Atlanta and Macon Shows 1908; 13 entries, 8 1st, 4 2nd. Winchester, Tullahoma, Shelbyville and Murfreesboro Fairs, 1909, 22 1st, 12 2nd. Nashville '09, 4 1st, 2 2nd, 1 3rd and 2 4th.

STOCK AND EGGS FOR SALE

W. E. LUMLEY, Tullahoma, Tenn.

WILSON'S SINGLE COMB BROWN LEGHORN

Eggs \$2.00 per 15

**A. C. WILSON
Box 75, LITHONIA, GA.**

BRED TO LAY S. C. White Leghorns

EGGS \$2.00 PER SETTING

D. M. JONES, Kizer, Tenn.

PRIZE WINNERS

White Plymouth Rocks. My birds have taken premiums at all Southern Shows. \$1.50 per setting of 15 eggs.

G. W. BUNCH, Floral Hill, Ga.

EVANS' SINGLE COMB WHITE LEGHORN

Eggs \$2.00 for 15.

**L. G. EVANS
LITHONIA, GEORGIA**

OHIO BOY GREATEST STRAWBERRY OUT

No doubt of its being the coming berry for the South. An all-purpose berry, with the good qualities of the best. Fine flavor, high color, solid, making it a great shipper. For plants and particulars address originator

A. A. EPPERT, Amelia, Ohio

S. C. R. I. Reds and Brown Leghorns

From prize winning stock and year-around layers. Eggs, \$2.00 per setting; two settings \$3.50; \$6.00 for 100 eggs, Reds only. Cockerels, \$1.50. Order from this ad.

J. W. BOWERS, R. I, Englewood, Tenn.

\$7.55 Buys the Best

140-Egg Incubator



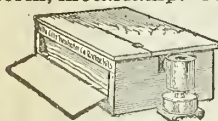
We Ship
quick from
St. Paul
Kansas City
Buffalo or
Racine

Ever Made

\$4.50 Buys the Best Brooder

Both Incubator and Brooder, ordered together, cost but \$11.50. Freight Prepaid. The Belle City Incubator has double walls and dead air space all over, copper tank, hot-water heat, self-regulator, thermometer, egg tester, safety lamp, nursery, high legs, double door.

The Belle City Brooder is the only double-walled brooder made, hot-water heat, platform, metallamp. No machines at any price are better. Write for our book today, or send the price now under our guarantee and save waiting.



Brooder
Belle City Incubator Co., Box 94, Racine, Wis.

EGGS FROM WHITE WYANDOTTES (Rion Strain) and BLACK LANGSHANS Of Quality

\$1.50 per 15
A hatch of 9 chix guaranteed. Write
R. C. McUMBER, GREENFIELD, TENN.

EGGS---EGGS---EGGS

Are what we breed for and get on the Twin Spring Poultry Farm. S. C. W. Leghorns, N. V. Fogg strain, as good as the best. Eggs, 15 for \$1.25; 100 for \$6.00. Indian Runner Ducks, none better. Eggs, 13 for \$1.25; 100 for \$7.00.

Six choice cockerels at \$3.00 each. Guarantee satisfaction in every respect.

W. H. LINDSEY, R. I., Elizabethtown, Ky.

CHOICE Barred Plymouth Rocks

Either for show or to breed, at honest prices. Eggs from prize matings.

T. J. GOODLETT, Traveler's Rest, S. C.

"Rose Lawn Poultry Farm" BARRED PLYMOUTH ROCKS

Hawkins Blue Strand

Stock for sale. Eggs, \$1.00 for 15, \$5.00 per 100.

L. B. HOWERY, Russellville, Tenn.

H O U D A N S

Winners of thirty-one ribbons at Tenn. State Fair, Lebanon, and Knoxville this season. Bred from winners at Madison Square Garden, Chicago, Boston, Indianapolis, St. Louis, etc. From famous egg strains. Eggs, \$3 per setting from prize birds. Also a few prize cocks and cockerels for sale.

DR. J. T. LEEPER, Lenoir City, Tenn.

CHICKS DAY OLD CHICKS SHIPPED ANYWHERE BY EXPRESS CHICKS 10c EACH. EAST CHARLOTTE POULTRY YARDS CHARLOTTE, N. CAROLINA

S. C. WHITE LEGHORNS AND PARTRIDGE WYANDOTTES

Won Knoxville, Jan. '10, 1st, 4th pullet, 2nd cock in strong competition. Eggs \$1.50 to \$2.00 per setting of 15. Stock for sale. Two choice White Leghorn cockerels at reasonable prices.

S. E. TRUAN, R. I., Fountain City, Tenn.

Do You Know Jim Brown?

There is a man in Cleveland, O. is, whom the good citizens of that town refer to as "James Brown, President of the Brown Fence and Wire Company," but several hundred thousand farmers in all parts of the United States call him Jim Brown, the Fence Man. If you don't know him you ought to get acquainted, because Jim Brown is the man who strated the fight against the quick run wire fence that so many get-rich-quick manufacturers have been shoving off on farmers in recent years. He's the man who exposed the modern methods of "Galvanizing" which in truth is galvanizing in name only. He makes a fence which has won for it the name "The Fence that Lasts," because it is made of heavier wire, has heavy up lights as well as heavy horizontal wires, and because it is not only really galvanized, but is double galvanized. If you own land you are interested in this fencing proposition. Get out your stub end of a pencil right now and write a postal to the Brown Fence & Wire Company, Cleveland, Ohio, Dept. 37, for Jim Brown's common sense talk on Wire Fences. You'll be glad you did it.

Dozier Always a Winner

During the season 1909-10 Dozier's famous Barred Plymouth Rocks have won forty regular and five special prizes. At Atlanta last month they won first pen and best pen part-colored birds in show. This should certainly convince the public that Dozier's birds are of the highest quality. Look up his ad in this issue and address C. H. Dozier, Marion, Ala.

F. M. Bostick, Box 109, Hot Springs, Ark., has just issued his 1910 mating list and he will be pleased to send it to you on request. Some most excellent birds are to be found in his yards in S. C. Buff Orpingtons, S. C. Buff and White Leghorns, White Plymouth Rocks, and Buff Orpington Ducks. Mr. Bostick is a thorough poultryman and will treat you right.

S. E. Wasson, of the Twickenham Poultry Yards, Huntsville, Ala., says he has the finest breeding pen of Single Comb Buff Orpingtons he ever saw, and that he expects a large egg demand this season. Mr. Wasson has the quality and we wish him abundant success.

Clayton I. Ballard, Route 7, Morristown, Tenn., has some A1 S. C. W. Leghorns and imported Indian Runner Ducks. Mr. Ballard is proprietor of the Nola Chucky Poultry Farm and you will find his advertisement in this issue.

You can buy fence at wholesale prices—14 3/4 cents a rod up if you write Kitselman Bros., of Muncie, Ind., for their free catalogue. See their ad in this issue.



BRED FOR LAYING.

35 Best breeds poultry. See my big circular illustrated in colors, before you place that order for stock or eggs. Prices reasonable. It will please you. It's free. 2c. stamp for mailing. John E. Heatwole, Harrisonburg, Va.

N O W

If you want some nice cockerels in S. C. Rhode Island Reds and Black Minorcas, send me your order. Two and three dollars each. These are May hatched birds and well worth the price.

Buttercup eggs,\$2.00 for 15.

Barred Minorcas \$5.00 per 15.

Now is the time to get started with these two new breeds. They are winners.

C. S. TAIT
BRUNSWICK, - - GA.

BROWN LEGHORN EGGS--EGGS--EGGS

From my Brown Beauties to produce prize winners.

\$3.00 PER SITTING, 15 EGGS.

\$5.00 FOR 2 SITTINGS

Better place your orders early. None better.

J. H. HENDERSON, KNOXVILLE, TENN.
Breeder Brown Leghorns Since 1890

1910 EGG SEASON NOW ON

We have mated four yards of extra fine OLD GOLD Strain Buff Plymouth Rocks, heavy layers, true Rock shape, uniform Buff throughout. Write for descriptive circular and price list.

BARGER'S POULTRY YARDS
P. O. BOX 86 "A", YORK, ALABAMA
N. B.—Mention this paper or Industrious Hen.

White Wyandotte

Eggs for sale from prize winners. Excellent layers. Eggs \$2.00 per 15.

W. M. DOSSETT, Trenton, Tenn.

INCUBATOR OIL

You can increase your hatch twenty-five per cent by using in your incubators SOLINE OIL

No Smoke, no Odor, a perfect Oil, made from premium Pennsylvania Crude.

Orders filled from Knoxville and Chattanooga, Tenn., High Point and Greensboro, N. C., Baltimore and Cumberland, Md. Address

TENNESSEE OIL COMPANY,
K. & O. Ry. Knoxville, Tenn.

Columbian Wyandottes

—AND—

S. C. Brown Leghorns

That won at St. Louis, Dec., '09, the biggest poultry show ever held. Send for free circular and full list of winnings at Memphis, Augusta and Shreveport. Our stock is mated for results. Choice breeders and eggs at reasonable prices. Satisfaction guaranteed with every order.

STURTEVANT BROS.
Box 12, KUSHLA, ALABAMA

EGG MAKER

LEE'S

GERMOZONE



I Have Ten Hens and Get Ten Eggs Each Day

by feeding "Lee's Egg Maker." Without waiting another day, go out and count your hens—count them carefully. For a week keep an accurate daily record of the eggs you get. The guarantee below means you.

WE GUARANTEE

that no matter what you are feeding, and regardless of the number of eggs you are getting at the present time, if Lee's Egg Maker is added to the daily ration—made a portion of it—the increased egg yield resulting therefrom will more than pay the cost of the Egg Maker, cost of labor required, and 100 per cent profit on said labor.

We don't care what your hens are doing now, we ask you to buy Lee's Egg Maker on our guaranty of an increased egg-production at a reduced feeding cost. Could we make you a better proposition?

The amount of good digestible protein is what counts for results in poultry feeding, and America's big feeders say Lee's Egg Maker contains more digestible protein than any other poultry food they can buy.

Lee's Egg Maker is almost entirely a meat food and with an actual tested protein feeding value in excess of 80 per cent, and you'll find in it the essentials entirely lacking in other prepared poultry food. The best feeding authorities in the country endorse it—and use it. You can't afford not to feed it, whether you have 10 hens or 1000, the proportionate profit would be the same.

Price: 2½ lb. pkg., 25 cts., 25 lb. pail, \$2.00. Ask your dealer or send direct to us. We pay freight in 100 lb. lots.

GEO. H. LEE CO.,

1113 Harney Street, Omaha, Neb.

General Agents in all principal cities. Write for name of one nearest you.

St. Louis Winners

At St. Louis, 1909, the Martin Poultry Farm, R. 5, Nashville, Tenn., won on Andalusians, 1st cock, 2nd hen, 2nd pullet; on Columbian Wyandottes, 2nd hen—4 prizes on six entries. This is certainly a magnificent showing, considering the fact that these prizes were taken in a show having over five thousand birds entered from twenty-two different states. This farm has also made some fine winnings at other shows, including the Tennessee State Fair, where they won 2nd cock on Buff Orpingtons in addition to a large number of prizes on Andalusians and Columbians.

Partnership Dissolved

Des Rena Poultry Yards, Greenville, S. C., is now controlled by Mr. Frank M. de Saussure, who, on January 1st bought out his former partner and became sole owner. The high quality of the stock bred by these yards is undisputed, and Mr. de Saussure says that it is his intention to breed more and better birds than ever. In Barred Rocks and White Wyandottes, stock may be found here that will equal the best.

J. M. Workman, the Buff Wyandotte breeder, of Burlington, N. C., has been making some credible winnings this season. At Burlington he won 1st cock; 1st, 2nd hen; 1st, 2nd, 3rd cockerel; 1st, 2nd, 3rd pullet. At Greensboro, 2nd cock; 1st, 3rd hen; 1st, 3rd cockerel; 2nd, 3rd pullet. At Raleigh, 1st cock; 2nd hen; 2nd, 3rd cockerel; 2nd, 3rd pullet.

How One Lady Sells Her Stock

"In a shipment of eleven birds (Mammoth Bronze turkeys and Barred Rock chickens) on December 15, I sent to eight different states—Pennsylvania, Indiana, Texas, Florida, Louisiana, Alabama, Virginia and Tennessee. I am not advertised in anything but THE INDUSTRIOUS HEN. It pays to be with her."—MRS. J. C. SHOFNER, Mulberry, Tenn.

White Leghorns Shipped to Cuba

"It certainly pays to advertise in THE HEN. I never had such a good trade before as I have had this fall and winter, and I advertise only in THE HEN. I got an inquiry from San Cristobal, Cuba, and sold the party a pen of White Beauties. They went via Tampa to Havana. Purchaser wrote me that they were on the road ten days and were received in fine condition. His neighbor wants some of the same. So you see THE HEN got me this customer from Cuba, and he, being pleased, gets others to order. As proof that THE HEN reaches the right class of people, I can say that I sell to three-fourths of the people who make inquiries."—A. J. LAWSON, Cleveland, Tenn.

Is the Best Roup Cure I Have Ever Tried

Among the many who say that are a lot who never thought Germozone would do it. Geo. H. Lee knew what Germozone would do before he placed it on the market. It is so good that users are not tempted to accept a substitute. No one ever found anything so good. The reason is plain—Germozone has no equal.

500 HENS SAVED

A Missouri poultryman writes that 8 bottles of Germozone saved his entire flock of 500 hens from Roup. Less than one cent per hen. A Pennsylvanian writes that Germozone would be cheap at \$5.00 a box—and it will do for you what it has done for others. This advertisement is addressed to you. We want your poultry to make more money for you. We want you to recognize the importance of healthy poultry. The health of the chick or the hen is as important to it as your own health is to you. Ever stop to think about it? Perfect health is necessary for positive profit. Try Germozone and test every statement made here. No need to buy a substitute. If your dealer cannot supply you we will mail it to you, postpaid, on receipt of price—50 cts.—and will include free a copy of "Chicken Talk," written by Mr. Lee himself.

GEO. H. LEE CO.,

1113 Harney Street, Omaha, Neb.

General Agents in all principal cities. Write for name of one nearest you.

Germozone is a tonic; a bowel regulator. Not an infallible cure for every disease of poultry, but admittedly the best preventive and cure for all poultry diseases.

The Chicken Man

"I want to say that THE INDUSTRIOUS HEN did well for me last year. Everything points to a good spring trade. I entered two hens at St. Louis, and in a class of thirty-nine hens, won 4th hen. At Little Rock, Ark., on same dates as Missouri State Fair, I won 3rd, 4th pen (9 pens in class); tied 1st and 3rd cock; won 4th cock; tied 2nd hen twice, and won 4th cockerel. Had pullets to score 95 and did not get placed, so you see how warm the competition was. My hens are in better shape now than I ever saw them before. Orders for eggs are coming in rapidly for shipment later, and I will be able to handle all orders, large or small."—A. P. RYLAND, the chicken man, Pine Bluff, Ark.

McCant's Minorcas Win

R. G. McCants, proprietor, Hillcrest Poultry Yards, Ninety-six, S. C., breeds Minorcas that carry away the blue. He writes: "At Greenville, S. C., Jan. 12-15, on only three birds that I entered, I won, 1st, 2nd cockerel, 1st pullet; at Pickens, S. C., Sept., 22-24, 1st, 2nd cockerel—I only entered the two; at Greenwood County Fair, 1st, 2nd, 3rd cockerel, 1st cock; at Spartanburg, Nov. 30-Dec. 2—a large class shown—on two entries I won 2nd and 4th cockerel; at Rock Hill, Dec. 2-6, 1st cockerel, 3rd hen. Most of my winnings were on different birds, as I have been selling all along, and the two last mentioned shows conflicted in dates, so that I had to send a different exhibit to each."



FOR SALE S. C. BROWN LEGHORNS

Still have a few nice breeders to offer you.

I will sell EGGS AT

HALF PRICE this season. \$2 and \$3 per setting of 15 eggs. Some other yards mated for layers, \$1 per setting or \$6 per 100 eggs. Circular free.

M. S. COPELAND
Powell's Station, Tenn.

FAMOUS B. P. ROCKS

Eggs for sale. \$5 per setting. My birds are of the best color, shape and size. I won at Dalton Poultry show, 1909, 2nd pullet, 1st pen.

S. C. BROWN LEGHORNS

Eggs for sale at \$3 and \$5 per setting. I won 1, 2 cockerel; 1, 2, 3 pullet. Good shape, size and color.

BLACK TAILED JAPANESE BANTAMS

Eggs, \$2 per setting.

FAIRMOUNT FARM

MRS. D. PURYEAR, R. 3, DALTON, GA.

KILMAN'S

Ideal S. C. Rhode Island Reds THEY WIN THE BLUE

My Reds have won FIRST this season at Memphis, Tenn., Corinth, Miss., Huntsville, Ala. and Little Rock, Ark.

Eggs \$1.00, \$2.00, \$3.00 and \$5.00 per 15.

Send for mating list and folder.

W. F. KILMAN

BALD KNOB, - ARKANSAS

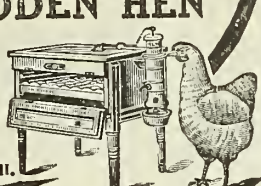
Hatch Chickens By Steam

The most satisfactory incubators on the market are the Wooden Hen and Excelsior. They not only solve every problem of heat, moisture and ventilation, but hatch a chick from every fertile egg. The simplicity of construction and economical operation of the

Excelsior Incubator or WOODEN HEN

make them the most popular incubators—run themselves. Send for free catalogue on growing Incubator Chicks, fourteen colored views.

GEO. H. STAHL
Box 30-W Quincy, Ill.



EGGS AT HALF PRICE

Commencing May 20th, eggs from RUDY'S PERFECTION WHITE WYANDOTTES one-half former prices. Now is the time to get the best, as some of my most noted prize winners have been June-hatched chicks.

RUDYDALE POULTRY FARM
GEO. H. RUDY, - MATTOON, ILLINOIS.

WHITEWASHING
and disinfecting with the new

"Kant-Klog" Sprayer
gives twice the results with same labor and fluid. Also for spraying trees, vines, vegetables, etc. Agents Wanted. Booklet free. Address

Rochester Spray Pump Co.
31 East Av., Rochester, N.Y.



ORPINGTONS

Buff or Black carrying the blood of **CHAMPIONS**

must please you, or may at once be returned at my expense. State your exact wants.

S. LUTTRELL, Waverly Ill., U.S.A.

S. C. WHITE LEGHORNS Exclusively

Sales up to the present have surpassed all expectations, leaving only some select cockerels to offer, and eggs in their season. Increasing yards for another year to double present capacity. Will take care of you. Write early. New Phone 36R.

O. H. TINDELL, Fountain City, Tenn.

S. C. BUFF ORPINGTONS
TWO YARDS
EVERY BIRD A PRIZE WINNER

I won 1st hen, 1st, 2nd pen, 1st, 2nd ckl., 1st, 2nd pullet and special on best pen, Memphis, on seven entries. Eggs \$2.00 for 15.

MRS. W. A. GIBBON, Conway, Ark.

Rose Comb Rhode Island Reds
EXCLUSIVELY

Fertile eggs that will hatch winners. My motto: Quality—Satisfaction.

N. V. Sanders, R. 8, Gaffney, S.C.

Strickler's S. C. W. Leghorns and B. Rocks

Bred for both laying and exhibition qualities. These are world's best egg producers. Don't experiment with other breeds; quality counts. **STRICKLER'S PINEWOODS POULTRY FARM**, Box X, Dinsmore, Fla. State Vice-President S. C. W. Leghorn Club.

Farmers Sons Wanted with knowledge of farm stock and fair education to work in an office; \$60 a month with advancement, steady employment, must be honest and reliable. Branch offices of the association are being established in each state. Apply at once, giving full particulars. **The Veterinary Science Association, Dept. 12, London, Canada.**

The Man You Ought to Know More About

Getting an interview with a man isn't a difficult proposition as a usual thing, but getting an opportunity for one is a difficult thing—altogether different.

Among the advertisers of this publication is one man who has had much to do with improving conditions among poultry raisers and promoting poultry raising as an industry, and this is the initial opportunity to tell something of Geo. H. Lee, of Omaha, Nebraska, that cannot be found in the advertisements of his firm.

This article will serve to show the human side of a man who, when a boy, could play in the front yard at his parents' home in Le Claire, Iowa, and have full, unobstructed view of the Mississippi River—in short, Mr. Lee is an Iowa product. At fourteen he was in a new home with his parents, at Exeter, Nebraska. Both custom and necessity caused the family supply of eggs to be bought from Exeter grocers, and like all other grocers they bought from the farmer without question—and sold without question.

These conditions in Exeter were not unlike any other smaller town's conditions from one end of the country to the other.

So young Geo. H. Lee bought a dozen Plymouth Rocks and added some Buff Leghorns. His father being in the hardware business made it somewhat easier for his son to have a little workshop of his own. The whole poultry proposition opened itself before him. Poultry raising appealed to him and his mechanical turn of mind combined to help him enter the broad field that it has proven to be. Lee experimented, persevered and succeeded in developing his flock and means of handling, but at no time did he lose sight of the probable possibilities of Incubators and Brooders, but the beginning of just how he actively entered the making of them as told by Mr. Lee is most interesting:

"A business woman here in Omaha started a poultry farm in one of our suburbs, purchasing some Incubators and Brooders manufactured in the East. During her first season she hatched a good many thousand chicks and lost them practically all in the Brooders. I think, if I remember right, that she had about a hundred left in the fall. She came to me and said: 'Mr. Lee, if I cannot get a Brooder that will raise the chicks I will have to quit handling poultry. Can you not give me a Brooder that will really take the place of the mother hen?'"

I told her that I would try and I immediately set to work on Brooder problems, working throughout the day and oftentimes through more than half of the night. I constructed a great many different kinds of Brooders, finding objections here and there until I settled upon a design which seemed to be satisfactory. I immediately gave this Brooder to the lady above mentioned for her to try at the farm. She put in a hatch of chicks and at the end of a couple of weeks was quite surprised that she still had all of the chicks, having lost none of them. She immediately wanted us to make some more of these Brooders for her, and this led to the development of our Incubator business, which now amounts to a good many thousands of machines each year.

"In our factory we employ from fifty to a hundred people, depending on the season. Our factory occupies some thirty-five thousand square feet of floor space and we are willing to make the assertion that we turn out more Incubators and Brooders in more limited manufacturing quarters than any other firm in the business, everything being handled very systematically and moving on from one department to another until completed."


Mr. Lee has written a new booklet, Lee's "Chicken Talk." Tell the Omaha firm who and where you are and they will send a free copy.

Mr. Lee is trying to arrange for sufficient time to permit him to attend the leading poultry shows of the country.

125 Egg Incubator and Brooder Both For \$10

If ordered together we send both for \$10 Freight paid east of Rock-ies. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them.

Wisconsin Incubator Co.,
Box 57, Racine, Wis.



S. C. BUFF ORPINGTONS

Exhibition quality. Trap-nested. Bred to lay. Not a dissatisfied customer. Eggs specially selected. Pedigreed exhibition stock for sale. Satisfaction guaranteed.

TWICKENHAM POULTRY YARDS
HUNTSVILLE, ALABAMA

S. C. RHODE ISLAND REDS
AND

MAMMOTH BRONZE TURKEYS

Farm Raised and of the very best blood in the South. Stock for sale. R. I. Red eggs, \$2 per 15.

J. A. AUSTIN, Reagan, Tenn.

EGGS EGGS

S. C. WHITE LEGHORNS
(Wyckoff Strain)

Won Springfield, Dec., 1909, 1st cockerel, 1st, 2nd, 3rd and 4th pullets and 2nd pen. Eggs, \$2.00 per 15, First Pen; \$1.00 per 15, Second Pen.

MRS. LOUIS DOWNER, Guthrie, Ky.

S. C. RHODE ISLAND REDS

Fifteen fine hens and pullets cheap. Also Two Hundred-Egg Buckeye Incubator at half price.

EGGS
ROSE WALLACE, HARRIMAN, TENN.

BLUE RIBBON WINNERS

THEY WIN—THEY LAY—THEY PAY
S. C. Buff Leghorns, S. C. White Leghorns. S. C. and R. C. Brown Leghorns. S. C. Buff Orpingtons, S. C. R. I. Reds, and Indian Runner Ducks. Eggs in season at \$1.50 per 15; \$2.75 per 30.

D. F. HENDRICKS, Pickens, S. C.

MAMMOTH BRONZE TURKEYS
BARRED PLYMOUTH ROCKS
Mammoth White Pekin Ducks

Old and young stock of all for sale. Young Turkeys from pens 1 and 2, headed by "Daniel Boone", 1st prize cockerel, Louisville Show, Jan., 1909, and "Jonah", 1st prize cockerel at Tenn. State Fair, Sept., 1908, also Diploma from A. P. A. Prize-winning females.

MRS. W. J. LANDESS
R. F. D. 5, FAYETTEVILLE, TENN.

For Sale----Mammoth Bronze Turkey Eggs

The best is not too good for you; then while you are getting eggs, buy of largest and finest stock. I have two pens this season, 1910. No. 1 consists of ten large hens and pullets scoring 95 to 97 points, mated to "Billie Taft" a 36 lb. cockerel, score 97 points. No. 2 is headed by "Monster", a 50 lb. tom, 19 months old, with eight large hens and pullets, scoring 94 to 97 points. 1st prize hen and pullet at Alabama State Fair, 1909, in this pen. Eggs from Pen No. 1 at \$6.00 per 9, and from Pen No. 2 at \$10.00 per dozen. Barred Plymouth Rock chicken eggs from best prize winning blood \$2.00 per 15. Address

BOONEVILLE POULTRY YARDS, MRS. J. C. SHOFNER, R. 1, Mulberry, Tenn.

Awards at Gadsden, Ala.

R. C. Buff Orpingtons—A V Lee, Gadsden, Ala., 1pen; 1ckl. White Wyandottes—Dr L T Lee, Gadsden, 1hen; 3pul. R A Willis, Gadsden, 1,2pul; 2ckl. Mrs E M Keeling, Gadsden, 1ckl; 4pul. R. C. R. I. Reds—H W Wood, Ensley, Ala., 1ck; 1,2pul. A M Rattray, Gadsden, 1ckl. Mrs J R Caldwell, Gadsden, 1hen. Partridge Wyandottes—H C Leath, Gadsden, 1pen; 1,2pul; 1ckl. W P Gwin, Gadsden, 1ck; 1hen; 3,4pul. Wht. Leghorns—Dr S C Tatum, Center, Ala., 1,2pen; 1,2,3hen; 1,4pul; 2ckl. Joe Surgen, Gadsden, 3pen. W S Delorme, Gadsden, 4hen; 1ck; S L Graham, Rome, Ga., 2,3pul; 1ckl. S. C. Brown Leghorns—Eugene Ewing, Gadsden, 1,2ckl; 1,2,3,4pul. Black Orpingtons—E D Jordan, Gadsden, 1pen; 4pul; 1,3ckl; 1,2hen. C E Meeks, Gadsden, 2pen; 1pul; 2ckl. J L Martin, Alabama City, Ala., 2,3pul; Buff Orpingtons—Mrs. A L Porter, Talledega Springs, Ala., 1pen; 2,3,4ckl. A W McCulloch, Gadsden, 2pen; 1,2hen; 2,3,4pul; 1ck. S C Ebbetts, Gadsden, 1pul. A M Rattray Gadsden 1ckl. S. C. R. I. Reds—A M Pearson, Sylacauga, Ala., 1pen; 1ckl. C W Eady, Guntersville, Ala., 2,3pen; 1,2ck; 3,4ckl; 1,2hen; 2,4pul. H A Norris, Boaz, Ala. 2ckl; 1pul. Alexander Greet, Gadsden, 3pul. Buff Plymouth Rocks—W P Hofferbert, Gadsden, 1,2 3,4pen; 1,2,3,4hen; 1ck; 2,3pul; 1,2,4ckl. Dr W S Edwards, Gadsden, 2ck; 3ckl. G C Tittle, Gadsden, 1,4pul. White Plymouth Rocks—S C Ebbetts, Gadsden, 1,2pen; 1,2,3,4pul; 1, 2,3,4ckl; 1,2,3ck; 1,2,3hen. J M Smith, Gadsden, 4hen. Buff Wyandottes—J C Greene, Gadsden, 1,3pen; 1,2,3,4hen; 1,2pul; 1ckl; 3ck. L E Chandler, Gadsden, 2pen; 2ck; 3,4pul; 2ckl. A M Rattray, Gadsden, 1ck. Br. Ply. Rocks—C H Dozier, Marion, Ala., 1pen; 1hen; 1,2ckl; 2ck; 1,3,4pul. O H McWilliams, Rome, Ga., 2pen; 2,3,4hen; 4ckl; 1ck. H C Leath, Gadsden, 3pen; 3ck. W C Meeks, Gadsden, 4pen; 3ckl; 2ul. Silver Laced Wyandottes—Dr. J. R. Walker, Gadsden, 1,2,3pen; 1,2ckl; 1pul; 1,2hen; 1ck. S L Graham, Rome Ga., 3pen. Pit Games—Carl Lay, Gadsden, 1pen; 1,2ck; 1ckl. Ben Leath, Gadsden, 2pen; 1hen. Bronze Turkeys—C E Meeks, Gadsden, 1pr. White Holland Turkeys—Warren Meeks, Gadsden, 1pr.

SPECIALS.

S C Ebbetts, Gadsden, best display Rocks; J R Walker, Gadsden, best display Wyandottes; C W Eady, Guntersville, Ala., best display Reds; Dr S C Tatum, Center, Ala., best display Leghorns; A W McCulloch, Gadsden, best display Orpingtons; S C Ebbetts, best pen Rocks; H C Leath, Gadsden, best pen Wyandottes; E D Jordan, Gadsden, best pen Orpingtons, Carl Lay, Gadsden, best pen Games; Dr S C Tatum, best pen Leghorns; A M Pearson, best pen Reds; S C Ebbetts, Gadsden, best pair in American class; W P Hofferbert, Gadsden, best 4 Buff Rocks; C H Dozier, Marion, Ala., best 4 Barred Rocks; S C Ebbetts, best display by Etowah County exhibitor.

THE OLD RELIABLE
FOR BIG POULTRY PROFITS.

Keep the chicks growing and hens laying by ridding them of lice and mites. Lousy fowls never pay.

LAMBERT'S "DEATH TO LICE"

has been the standby for 25 years. Sure, quick, safe, easy to use. Sample, 10 cents. If not at your dealer's, we'll send direct. Send 2-cent stamp for booklet "Practical Poultry Feeding."

O. K. STOCK FOOD COMPANY,
333 Traders Building, Chicago, Ill.

EGGS

From our trapnested, winter layers, White Rocks, S. C. White Leghorns, will give you profit-payers. Mating list free.

DIAMOND STOCK FARM, Newbern, Tenn.

EGGS FOR HATCHING

S. C. RHODE ISLAND REDS
THE RED KIND

Bred for heavy winter layers and prize winners. \$2.00 per 15; \$3.50 per 30. Satisfaction guaranteed.

W. F. SIMMONS,

Kerrville, Tenn.

MOFFITT'S

Perfection Ideal Aluminum Leg Band—12 for 12c; 25 for 20c; 50 for 40c; 100 for 65c. State variety bands are for. Send two cents for sample For Poultry and Pigeons.

J. MOFFITT, Southbridge, Mass.



Don't Kill The Hen That Lays The Golden Egg

By setting her to hatching chicks. You can't afford it. Keep your hens busy laying and let the Fairfield Incubator and Brooder hatch and raise your chicks for you. They will do it a lot better, easier and cheaper. The Fairfield never leaves the nest in the middle of the hatch like your hens and some inferior incubators do. Its the world's best hatcher—my customers say so. Let me prove it to you at my risk.

I Want You To Try My Incubator Two Hatches FREE

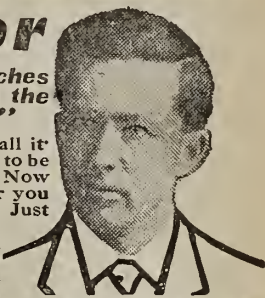
Try the Fairfield first before you buy any other style or make. You can do it if you wish for two hatches free at my risk, in your own home with the money in your own pocket. It's the safest way to test our Incubator. The sure way to get what you want.

Write Today For Catalog and FREE TRIAL PROPOSITION—Don't Buy Until You Get It.

My New Fairfield Incubator

Will give you the largest hatches and healthiest chicks. It's the "World's Best Hatcher."

That's what my customers call it. Their experience has proven it to be all that for them and you too. Now isn't that the kind of Incubator you want in your poultry business? Just let me send you a Fairfield to try for two full hatches free in your own home. I guarantee it to give you bigger hatches and better chicks than any other Incubator made, or your money back and I will pay the freight. You can't beat this offer anywhere. You can't beat the Fairfield Incubators and Brooders at any price. Let me prove it to you at my risk. Write for catalog and special free trial offer today.



Sam Thompson

No Incubator on the Market Like Mine.

The Fairfield is made out of California Redwood, Copper Steam and water patented heating system. Perfect regulator. Best lamp in any Incubator made. Large roomy nursery and egg chamber. Double doors. Unobstructed top. In every way as good an Incubator as you can buy at any price. Our direct-to-you-price saves you one-third to one-half. Write for new catalog and special offer today. Address

Sam Thompson, Pres.,
Nebraska Incubator Co.
277 Main Street,
Fairfield, Nebraska

Scotch Collie Pups

We are booking orders now for a litter of nine pups whelped February 15, 1910, out of Beauty Bright, A.K.C. S.B. 109,257, by Ben Hur, (alias Shadrack) A.K.C.S.B. 122,006. These pups are well marked and healthy, and if litters whelped by Beauty Bright in the past are an indication of the future of this litter, we have some exceptionally promising dogs. If you are looking for something real choice in Collies you need go no further. If you want us to book your order now for male or female we will guarantee you get something fine. Leo B. Smith, Williamsburg, Ia., and Cornelius Young, Hampton, Fla., each have a pup of her last litter. If you want to ask them any questions about these pups do so. We retained one, he is now eight months old and we expect to use him as a stud. Nothing less than \$150.00 would make us part with him. This new litter has the same sire and dam, and the same prospects ahead of them.—KNOX COLLIE KENNELS, Knoxville, Tenn.

Licensed A. P. A. Poultry Judges

Name and address will be printed under this head one year for \$2.

F. J. Schocke, R. 5 Salem, Ind.
J. C. Clipp, Saltillo, Ind.
S. T. Campbell, Mansfield, Ohio.
T. L. Bayne, Knoxville, Tenn.
S. B. Johnston, Fairland, Ind.
J. E. Gault, Chippewa Lake, O.
F. L. Shaw, Hutsonville, Ill.

Your Name Will Get \$2 Eggs
For 50 Cents Per Sitting

I will sell 2 sittings of full blood Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Not less than 2 sittings sold. Eggs by the 100, \$5. Full blood White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandotte or W. Orpington or Rose Comb Brown Leghorn or Single Comb Black Minorca Eggs, \$1 per sitting; by the 100, \$7. Large Bronze or White Holland Turkey Eggs, \$3 for 10 Eggs. Large White Pekin Duck Eggs, \$1 for 10 Eggs. 100 egg Old Trusty Incubator, and 100 Chick Brooder, delivered at your R. R. station, both for \$14 east of the Rocky Mountains. This is a rare chance to get a start of extra fine stock and a good incubator. Send Post Office order on St. Louis and have your orders booked early.
W. F. CHAMBERLAIN, (The Perfect Chick Feed Man)
KIRKWOOD, St. Louis County, MO.



"RED-WOOD, Jr."

Bred and owned by McMinnville Poultry Ranch, McMinnville, Tenn. Won 2nd at Nashville, and 3rd at Memphis, 1909.

R. C. RHODE ISLAND REDS

are the best breed for this section, because they are fine winter layers, quick growers, and the hardiest chickens yet produced.

Eggs, \$3.00 per 15

McMINNVILLE POULTRY RANCH
McMINNVILLE, TENN.EGGS FOR HATCHING
AND STOCK IN SEASON

From Prize Winners. Eggs \$1.50 and \$1.00. S. C. Mottled Anconas, Rhode Island Reds, Barred Rocks, Brown Leghorns. Toulouse Goose Eggs, 30 cts. each.

L. M. BARRETT, Morristown, Tenn.

Virginia Beauty Orpingtons, S.C. White

Kellerstrass strain. Large, strong and vigorous. Native bluegrass yards and range. Two pens only. Eggs, \$2.00 and \$4.00 per 15. Cockerels for sale.

V. L. SEXTON, Graham, Virginia.

Member Virginia Poultry Association.
Member American White Orpington Club.

SOMETHING TO GROW ABOUT

"HEN-E-TA"

ABOUT 30% PURE BONE ASH

NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED

NO MORE BONE CUTTERS NEEDED
NO MORE BEEF-SCRAPS NEEDED
NO MORE CHARCOAL NEEDED
NO MORE OYSTER-SHELLS NEEDED

100 LB. BAG \$2.25 150 LB. BAG \$1.50

ASK YOUR DEALER OR WRITE

HEN-E-TA BONE CO.

NEWARK, N.J. DEPT. 8 FLEMINGTON, W.VA.

WILL MAKE HENS LAY. WILL MAKE CHICKS GROW. ODORELESS. VALUABLE BOOKLET FREE.

Business White Wyandottes

Trap nests used. Every pen headed by a male hatched from an egg laid by a hen that laid not less than 200 eggs that year.

Business Light Brahmas

Same quality
Stock for sale. Eggs in season.
Circulars free.

MICHAEL K. BOYER Hamonton, N. J.

ROSE C. BLACK MINORCAS. COLUMBIAN WYANDOTTES.

Trap nest pedigree layers and exhibition birds for sale. Superb in quality. Are unequaled as egg producers.

S. T. CAMPBELL, Mansfield, O.

S. C. Rhode Island Reds

(Red—Not Buff)

My pens are headed by prize winners
WHITE WYANDOTTES

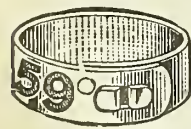
Two leaders in beauty and utility
Write for prices on eggs

GERTRUDE PARRISH, Trenton, Tenn.

PARTRIDGE WYANDOTTES

Winnings at Asheville Show, Dec. 8-10, 1909,
1st, 2nd cockerel; 2nd, 4th pullet; 3rd hen; 2nd pen. Stock and Eggs for Sale.

B. R. WARREN, R. 3, Asheville, N. C.



IDEAL ALUMINUM LEG BAND
To Mark Chickens
CHEAPEST AND BEST
12 for 15c; 25-25c; 50-40c; 100-75c.
Sample Band Mailed for 2c Stamp.
Frank Myers, Mfr. Box 50, Freeport, Ill.



CHASE'S
Blood and Nerve Tablets
Build Up the Weak,
Emaciated, Convalescent
and Over-worked
Price, 50c. Book free. Dr. Chase,
224 N. 10th St., Philadelphia, Pa.

Lawson's Winners Again

Competition in the S. C. White Leghorn class at the Knoxville Show, January 5-8, 1910, was the hottest in the past four years, and A. J. Lawson got the lion's share again: 1st, 3rd, 4th cock; 1st, 2nd, 3rd, 4th hen; 4th cockerel; 1st, 2nd, 3rd, 4th pullet; 2nd pen. Pen scored 191 points. See his ad elsewhere in this issue.

With Only a Single Cow

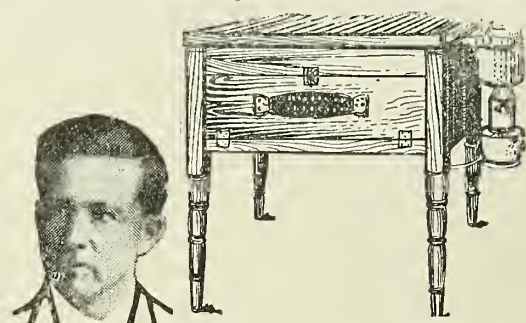
A cream separator will pay and pay better than any other farm implement. True, the above statement depends upon the amount paid for the machine, but this problem has been successfully solved by the American Separator Company, who have produced a cream separator that is truly a wonder, both in the work it does and the price at which it is sold. Only \$15.95 for a complete separator, made of the very best material and of the latest design. It skims over a quart of milk a minute, and does it perfectly. This company offers to send the machine absolutely on trial, affording the opportunity to test and compare it with any other separator made, no matter if it costs five times as much. It is a model of workmanship and fully supports the motto of the company, viz.: "Not how cheaply can it be built, but how well can it be built and how cheaply sold."

For a small dairy, hotel, restaurant, or even private family, it is just what has been needed. When a machine like this can be obtained for so low a price then certainly no one making butter, no matter how little, will do so without a separator. There is nothing laborious in operating it, any woman or fairly grown child can run it sitting down; while it is a most simple machine to care for. Being made and sold by the oldest exclusive manufacturers of hand cream separators in the United States, is, in itself, a guarantee of quality, and any one interested at all in cows owes it to himself to write to the American Separator Company, Box 1171, Bainbridge, N. Y., and ask for their \$15.95 proposition. They will send it free, postpaid, together with their handsomely illustrated catalog describing their full line of separators of all capacities and also explaining their system of selling direct to the user, saving all agents' and middlemen's profits. The value offered will surprise you, and you will realize how this company has studied and worked to produce a machine especially suitable in capacity and price for the small dairyman whose use of a separator heretofore has been largely prohibited by the high prices asked for large capacity machines.

Sam Thompson and His Incubator

Mr. Sam Thompson, whose picture appears here is the manufacturer of the famous Fairfield Incubator which ranks among the best machines in the country.

One thing that Mr. Thompson is particular about is the quality of material and workmanship that enters into the Fairfield. His theory is that a good incubator must not



only be finished well on the outside but must have the right principle and proper construction on the inside. In this respect there is nothing on the market ahead of the Fairfield. It's made of California Red Wood, has patented steam and hot water circulating system, double disc regulator, large roomy nursery and egg chamber and the best lamp that can be made.

As further evidence of the quality, merits and hatching ability of the Fairfield, to prove that it is the surest, best and most successful hatcher, Mr. Thompson, the manufacturer, offers to send all readers of this paper a machine on 30 days' trial and agrees to refund the money promptly to anyone who is not fully satisfied and pleased.

Write today for his special offer and special handsome new catalogue and poultry book. Address Sam Thompson, President, Nebraska Incubator Co., 277 Main St., Fairfield, Nebr.

CAPON TOOLS

CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c. Gape Worm Extractor 25c. French Killing Knife 50c. Capon Book Free.

G. P. Pilling & Son Philadelphia, Pa.

S. C. Black Minorcas

Stock for Sale. Circular Free.

Fred E. Carter, Knoxville, Tenn.

State Vice-Pres. A. B. Minorca Club

BUFF WYANDOTTES EXCLUSIVELY

Carefully bred for eggs, vigor and the show. I raised 10 pullets from 13 eggs last spring. This year's mating will be fine. My best eggs cheap. Order now.

PURITY POULTRY FARM

A. W. GALLOWAY
R 6, CLEVELAND, TENN.

Only Rose Comb Rhode Island Reds

Won this year at Hagerstown, Md., 3rd and 4th pullet, 5th chl and 1st pen. At Washington, D. C., 5th pullet, 4th chl., 5th hen and 1st pen. Hot classes at both shows.

Eggs from best pens \$5 per 15
M. C. RICHARDSON, Jr., Front Royal, Va.

Dr. J. A. Posey, Frankfort, Ky.

announces the sale of his entire lot of

BUFF ORPINGTONS to MRS. S. C. BRIDGEWATER,
Dixon Springs, Tenn.

He has only a very few White Orpingtons to dispose of

Ferguson's White and Silver Laced Wyandottes

Bred for utility as well as show purposes. They are payers because they are layers all the year round. Every pen headed by prize cock or cockerel. Eggs \$1.50 per setting of 16.

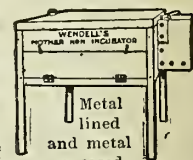
Ferguson's Wyandotte Yards

NEW MIDDLETON, TENN.

MOTHER HEN INCUBATOR & BROODER

We are not trying to see how cheap we can make a machine. If you want a cheap machine, don't bother us, we are busy. If you want a good one send for our Book No. M4. We allow 30, 60 or 90 day's trial to prove it yourself.

AUTOMATIC HATCHING CO., Holly, Mich.



The Price of Eggs

Last Year Was Too High

for anyone to ignore that may be at all inclined to raise poultry. The price of poultry itself is an added stimulant to become a producer of that which assures a positive profit on a small investment. There is good money being made in the poultry business. Are you making your share of it?

Poultry raisers of the United States during 1909 received an average of more than 20 cents a dozen for eggs and an average of about 11 cents a pound for chickens.

MANDY LEE BROODER

These figures are not estimates. They are shown by reliably compiled Government statistics. The national government's activity in accumulating figures covering eggs and poultry is absolute proof of the recognized importance of the industry—classified right along with corn, wheat, oats, etc.

Lee's "Chicken Talk" is a booklet written by Geo. H. Lee, himself. Mr. Lee's actual poultry knowledge covers a period of 25 years, and it is this ripe experience of his that is to be found in this booklet. It is free. Write for a copy of it—sent postpaid.

Ask him for any information you want to know about poultry. He knows—and will tell you in such a way that you can know it is a real pleasure for him to answer questions about how to raise egg-producing poultry.

MANDY LEE INCUBATORS and BROODERS

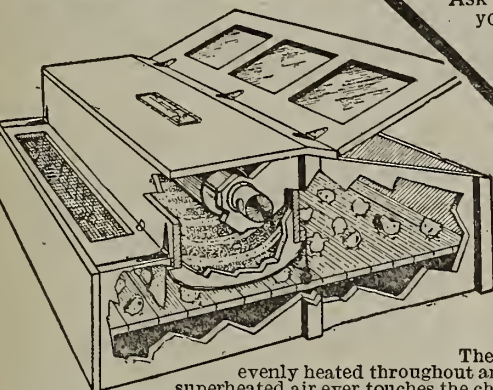
Mandy Lee Incubators and Brooders have been leaders from the time they were first offered to the poultry-raising public, but this year they are better than ever, with new improvements and advantages you want. This is the equipment you must buy eventually if you remain permanently in the poultry business. Why not save the expense of experimenting? Buy the best—the line of certainty—the Mandy Lee. Our catalog is complete with everything that has to do with the really good things that promote the very best interests of the poultry-raiser whether the flock consists of a half-dozen or a thousand hens. Write us to-day—while you have the matter in mind. Your share of poultry profit is just what you make it.

GEO. H. LEE CO.

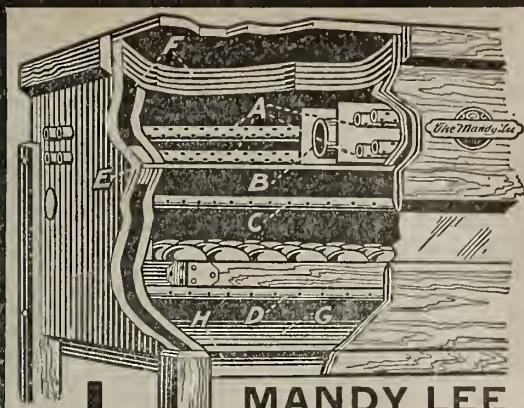
1113 HARNEY STREET

OMAHA, NEBRASKA

DIRECT CONTACT HEAT



The Mandy Lee Brooder is evenly heated throughout and neither lamp fumes nor superheated air ever touches the chicks. The heat reaches the blanket in such a manner as to make over-heating impossible. A poultryman can afford to discard an impractical brooder and install a Mandy Lee. The extra chicks you raise will pay for it. No smoke, no gas, even heat everywhere, well-built, economical in every respect. Compare it with any make, anywhere. You want results. The Mandy Lee Brooder produces nothing else. It does what it is sold to do.



MANDY LEE INCUBATOR

A—Perforated tubes, heating chamber. B—Inlet Pipe from heater. C—Upper Ventilation, egg-chamber. D—Lower Ventilation, egg chamber. E—Air-tight diaphragm. F—Packing in walls and top. G—Chick-nursery bottom. H—Duck-nursery bottom.

Practical Poultry Feeding

This is the title of the principal article contained in the new annual edition of the *Pocketbook of Pointers* just issued by the O. K. Stock Food Company. This interesting and valuable article is contributed by Mr. D. J. Lambert, the famous Poultry Judge, who needs no introduction to our readers. Mr. Lambert has had a life-long experience in poultry keeping. His statements are never based upon hearsay, but are backed up by sound practical knowledge, scientific investigation and tireless research. This booklet will be of great interest and benefit to all lovers of poultry and live stock. It can be obtained by addressing the O. K. Stock Food Co., 333 Traders' Bldg., Chicago, Ill.

A Great Market Poultry Plant

Afton Farm, the great market-poultry plant of Yardley, Pa., starts an ad in this number. This farm breeds Single Comb White Leghorns, Barred Plymouth Rocks, White Wyandottes, and Mammoth Imperial Pekin Ducks; and while they breed solely from the market standpoint, it is not to be understood that their birds will not score high. On the contrary there are many show birds that will not equal those bred by the Afton Farm. But in their announcement, the proprietors give this sensible advice to intending purchasers: "If you wish winners for the show-room, do it right—buy stock of a breeder of Madison Square winners. If you want market poultry, go to a market poultry breeder. A fancier would rather have a Madison Square winner that lays fifty eggs a year than a two-hundred-egg hen that would not win." The prices charged by Afton Farm for both stock and eggs are indeed reasonable, and any of our readers desiring to turn their attention to the market side of the poultry business are advised to look up their ad and write them.

Swift & Son Are Winners

In a communication from J. C. Swift & Son, Waynesville, N. C., they say: "We take this occasion to thank you for the handsome \$25 silver cup, which you donated and which was awarded to us for the highest

scoring pen in the recent Knoxville Show. The high honors were won by our Single Comb White Leghorns. They were also awarded the association's \$20 silver cup for the highest scoring White Leghorns in the show, and the \$5 cash special donated by President C. H. Harvey, of the Knoxville Railway & Light Co., for the highest scoring pen of solid colored birds in the show. Our White Leghorns won 1st, 2nd cockerel; 2nd, 3rd pullet, each scoring 96 points, and a hen 94 points; another pullet scored 95 points, and a hen 94 points. None of the birds in pen scored below 94 points. I wish to thank the East Tennessee Poultry Association, the management and the judges for their kindness and fairness to us, and for their gentle care of our birds."

Why Mr. Wittman Did Not Judge at Charlotte

The following telegram and letter explain the situation fully, and although Mr. Wittman and the officers of the association were not to blame, they feel it due the exhibitors that the facts should be given. The telegram below was received only a few hours before the judge was due to be in the show-room.

(TELEGRAM)

Herndon, Va., Jan. 13, 1910.
E. G. WARDIN, care Charlotte Poultry Association, Charlotte, N. C.

Judge Wittman seriously ill. Cannot come to Charlotte.—A. H. KIRK, Secy. Herndon, Poultry Association.

(LETTER)

Allentown, Pa., Jan. 16, 1910.
E. G. WARDIN, Charlotte Poultry Ass'n.

Dear Sir:—Mr. Wittman arrived home late last evening and he has asked me to write you expressing his great regret and disappointment at not being able to judge your show. He is still far from well and will be entirely unable to do the three shows booked this week, which is a bitter disappointment to him. He asks that you convey the above regrets to the officers and members of your association, and hopes you had no difficulty in filling his place, and that he may hear from you about this.—MRS. W. THEO. WITTMAN.

CHARLOTTE POULTRY ASSOCIATION.
J. K. A. Alexander, Pres, E. G. Wardin, Sec.

A Correction

Mrs. Mabelle Truran, of the Louisa Poultry Farm, Trevilians, Va., writes us that she won second pullet on White Orpingtons at the Virginia State Fair and that we omitted this in publishing the list of winnings. We gladly make the correction.

It Cures or Costs Nothing

Money back for the empty box if it fails. That's the iron-clad guarantee that goes with

Conkey's Roup Remedy

recognized everywhere for years as the one reliable remedy for this dreaded poultry disease. No poultry owner should be without it. A thimbleful in the drinking water and the fowls eagerly drink and cure themselves. Give the well fowls a little occasionally; it will tone them up and prevent disease.

Conkey's Poultry Book

New 1910 Enlarged Edition

FREE



Send for your copy at once. The enormous demand is rapidly exhausting the edition. We want to place a copy in the hands of every owner of fowls.

Facts from Men Who Know

This book does not deal in theories or opinions. It gives you facts—the result of the experience of men who have spent years in the raising, care and handling of poultry. It contains instructive articles on Housing, Feeding, Egg Production, Breeding, Care in Sickness and Health, and hundreds of other things you ought to know.

It's Absolutely Free Simply send name of the man from whom you buy poultry supplies, with 4c in stamps to cover postage, and a copy will be sent at once. **DO IT NOW**, or you may be disappointed. [10]

THE G. E. CONKEY CO.
Conkey Laboratories
Dept. 17
Cleveland, O.

Will An Incubator Pay?

The answer is "yes" most decidedly if you get the right incubator and run it right. It takes about equal proportions of these two factors to get results.

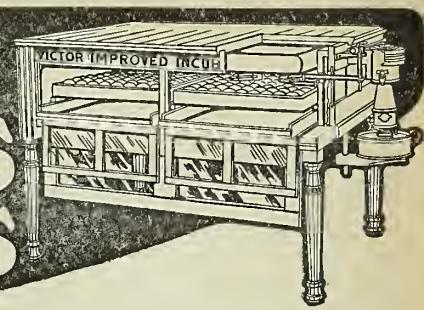
What matters the utmost care if at a critical moment the regulator goes awry? Three weeks of careful attention and utmost vigilance may be lost in a single night.

The damage may be done more slowly, too. A door that does not close tightly, a joint that leaks in a little cold air may spoil egg after egg.

To make money you must not waste your eggs, oil or time. You cannot afford to fool with a poor machine. Did you ever stop to think that what a poor machine wastes for you would in a few hatches pay the difference on a first-class incubator?

Of all the hatching machines on the market there is none more dependable and reliable than the Victor Incubator and Brooders. They are made by the George Ertel Co., 114 Kentucky St., Quincy, Ill., whose ad will be found elsewhere in this issue. You will make no mistake in getting their machines. They have been selling incubators to the readers of THE INDUSTRIOUS HEN for many years, and we have yet to receive the first complaint. It will pay you to write to Ertel and get their new catalogue telling about their new side regulator which leaves the top of the incubator clear. They have a much larger lamp than the usual which runs the machine longer without attention. The cases of their machines are made with multiple walls and are thicker and stronger. These advantages all profit the buyer of the Victor.

Victor Incubators and Brooders



Victor quality tells in the hatches. Right principles, right materials, right building, right

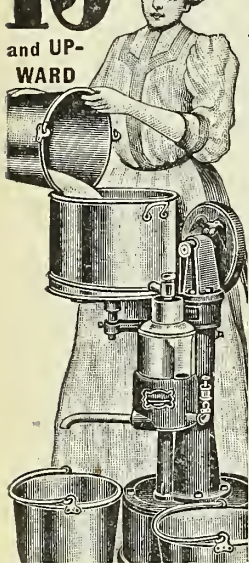
ventilation, right regulation, mean more chicks and greater profit. Victor quality costs but little more and the difference on one or two hatches more than pays it. Write us first. Our book "About Incubators" will be sent free. It has important information for incubator buyers.

ERTEL'S POULTRY DIARY
for use of poultry raisers in keeping account of expenses, eggs, chicks and profits, proved so popular that we have made it a separate book. To pay part of cost and postage we charge 10c a copy.

¶ We can save you money. The lumber, copper and fittings we are putting into our machines this season we bought one year, two years or three years ago, before the present high prices. ¶ We do by machinery what others do by hand labor. ¶ The result is a lower price to you for the same quality of machine. ¶ We use seasoned lumber, we put heavy copper into our tanks and boilers. We build carefully—our doors fit and close tightly, our lamps burn clear and bright, our regulator keeps the temperature at 103 degrees. When you get the Victor you get machines that will hatch and raise chicks.

GEO. ERTEL CO., 114 Kentucky Street, Quincy, Ill. Established 1867.

15⁹⁵ The AMERICAN SEPARATOR

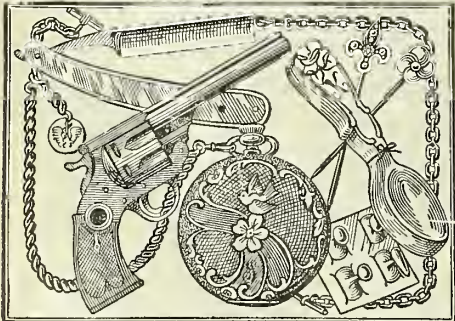


Leads the World

THIS OFFER IS NO CATCH. It is a solid, fair and square proposition to furnish a brand new, well made and well finished cream separator complete, subject to a long trial and fully guaranteed, for \$15.95. It is different from anything that has ever before been offered. Skims 1 quart of milk a minute, hot or cold, makes thick or thin cream and does it just as well as any higher priced machine. Suitable for small dairy, hotel, restaurant and private families. Any boy or girl can run it sitting down. The crank is only 5 inches long. Just think of that! The bowl is a sanitary marvel; easily cleaned and embodies all our latest improvements. Gears run in anti-friction bearings and thoroughly protected. Before you decide on a cream separator of any capacity whatever, obtain our \$15.95 proposition. Our liberal long time trial and generous terms of purchase will astonish you. Our own (manufacturer's) guarantee protects you on every American Separator. We ship immediately. Western orders filled from Western points. Write us and get our great offer and handsome free catalog. ADDRESS,

AMERICAN SEPARATOR CO. Box 1171, BAINBRIDGE, N.Y.

48 PREMIUMS FREE!



Return this "Adv." and remit us \$4.95, the Special Price we make you on 2 Boxes of our 5 and 10c Cigars Assorted Brands, which we want to introduce quickly to 50,000 new customers, and we will send you in same package 1 S. & W. Mod. Double Action Nickel Plated Police Revolver, worth \$7.00; 1 Stem Wind and Set Gold Plate Watch, value \$4; 1 Hollow Ground Keen Cutting Ringing Steel Razor, priced \$3; 1 Set (6) Triple Silver-Plated Tea Spoons, worth \$1; also 44 other Biggest Value Premiums which we have not space to mention, worth from 10 cents to \$1 each, provided you remit \$4.95 with order and allow us to REFUND YOUR MONEY if you are not pleased with goods. This "Adv." will not appear after we enroll 50,000 new customers. Give name of your Express Office and Order TODAY. Reference Southern Express Co., Bank of Montgomery. Address, **CANDOR SALES CO., Candor, N. C., U.S.A.**

Mrs. Herron Buries the Hatchet

Dear Editor: It has frequently occurred to me that readers who are interested in poultry could help one another very much by giving their experiences through these columns—especially when they have had some serious trouble and have found a good remedy. We raise several hundred chickens every year. The last two years I lost a good many dollars worth from Roup. I used many remedies, none of them successful, so I took to "using the hatchet," but found the treatment costly. I recently saw an advertisement for Walker's Roup and Cholera Cure and sent 50c to Dr. Walker, Dept. F. 1, Lamoni, Iowa, for the treatment, and out of 96 hens that had the Roup bad I saved all but three. I can't speak too strong of the treatment for it certainly does the work, and for bowel trouble among little chicks it just can't be beat. If more people knew about it they wouldn't lose so many of their little chicks with bowel trouble.—Mrs. Nellie Herron, Eagleville, Mo.

Best Pullet at Atlanta

Flem Hazen, Jr., R. 2, Knoxville, Tenn., made a most enviable showing at Atlanta last month with his superb White Rocks, winning 1st cock and 1st pullet; also special for best pullet in the show, all classes competing. He has the birds to produce winners in any competition and can sell you eggs for hatching from his winning stock at reasonable prices.

No More Cockerels for Sale

We are in receipt of a communication from L. C. Marsh, of Washington, Miss., in which it is stated that he is still returning money that is being sent to him for cockerels in response to his ad in THE HEN. He desires to let his patrons know that he has no more stock for sale, but is amply able to take care of all orders for eggs for hatching. Address L. C. Marsh or Peerless Poultry Yards, and ask for mating list.

"Col. Rock"
Our 1st Prize Cock,
Louisville, Ky.,
State Fair.



Barred Plymouth Rocks

Buy eggs from prize-winning strains. Send for our mating list. Select your eggs from pens headed by our premium birds. Our grand record of 38 premiums, 16 specials and 2 silver cups, won during 1908-09 at Louisville, Ky., Frankfort and Owensboro, proves the superiority of our fine, big Barred Plymouth Rocks.

Eggs, \$2.00 Per Fifteen

Get our catalogue and mating list—get others. See the difference. Start with our stock and be satisfied. Our nineteen years of successful line breeding has developed a prize-winning strain that breeds true, straight, narrow, snappy barring. Write for our big catalogue, and complete list of winnings. It tells just what you ought to know about Barred Plymouth Rocks. Write for catalogue No. 7. We will answer promptly.

POPE & POPE

ESTABLISHED
1891

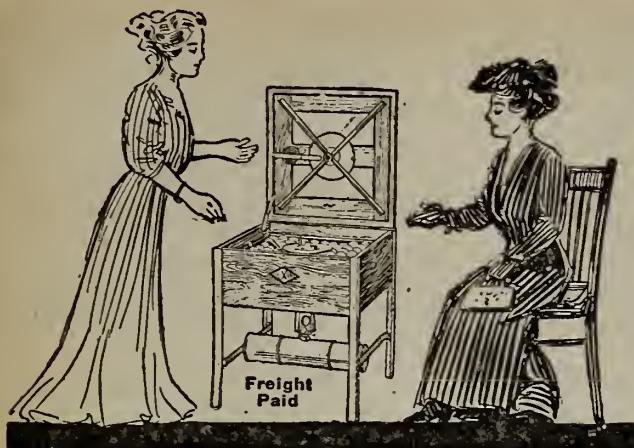
Louisville, Ky.

POULTRY MEN

Send 10c for our 1909 Catalogue. Chuck full of useful information. Describes and illustrates 35 varieties.

YOU CAN'T AFFORD TO BE WITHOUT IT.

EAST DONEGAL POULTRY YARDS, Marietta, Pa.



X-RAY INCUBATOR

GET OUR FREE CATALOG and know all about this famous hatcher—the machine for results. It is fast pushing the old-style incubators aside. You'll see all the reasons why when you read the book. Address today

X-RAY INCUBATOR COMPANY,

::

36th Street, WAYNE, NEB.

This is the Machine, Madam, that will turn the trick for You—

You've found incubators nearly all alike—a little difference in "talking points"—that's all. Here's the machine that's different. Try it. Different in principle; different in results. Lamp right in the middle; perfect distribution of heat; perfectly even temperature; perfect ventilation; no heat wasted. Enameled-steel-covered, rosewood finish, bottom and all.

ONE GALLON OF OIL FOR A HATCH—We Guarantee it

That's one of the wonderful advantages of the X-Ray over other incubators. They waste the heat—we control it. They keep the lamp burning always at the same height, and allow the heat to escape when it gets too hot. The X-Ray shuts off at the burner. That's why other people fill lamps daily and use 3 to 5 gallons of oil for a hatch. We fill the lamp once—only once. We use one gallon of oil—only one, for a hatch.

The Only New Plan Incubator

It means less egg-handling, less oil, less heat generated, no waste, no filling of lamps during the hatch, absolutely no flumes, absolutely no danger of "cooking" eggs, but even heat always over the whole chamber.

It has the true way of ventilating—just like the old hen ventilates. Double glass door at the top—not at the side. Simply raise the lid, and let the heated air carrying the impurities from the hatching eggs pass off.

Our heating system restores temperature in 15 minutes—other incubators take 4 to 8 hours to "heat up."

Try It for 3 Hatches

Thermometer always in sight. Eggs need not be removed during entire hatch. You must see it and try it to really appreciate it. Our guarantee fully protects you if the machine is not as represented.

BROWN POULTRY FENCE

Does Not Cost One-Half as Much as Common Chicken Netting, Yet Will Last Five Times as Long

Size of Wires. The top wires are No. 9½ gauge—same as nearly all stock fences. Intermediate and stay wires in same proportion—all double strength high carbon spring steel wire.

One Inch Spacings. More closely woven by far than other poultry fences, because bottom wires are only one inch apart, balance in same proportion—absolutely chick tight and rabbit proof.

Stock Strong. Built of material heavy and strong enough for hogs, horses and cattle. Wires cannot possibly slip, sag or bag down.

Rust Proof. The double galvanizing of every pound of wire in Brown Poultry Fence insures the fence against rust for many years.

Saving in Cost. With No. 9½ top wires, you can save at least one-half the posts, and besides you require no top railing or bottom boards. These items alone usually cost more than the fence.

Price. Our prices are less than common netting costs. Before buying any poultry fence, get our catalog and prices. We have 160 styles of fences to select from.

For a poultry proof fence woven close enough to confine small chicks yet strong enough for cattle, this fence cannot be equalled anywhere or at any price.

Write Today—We pay the Freight
The Brown Fence & Wire Co.
DEPT. 37 CLEVELAND, OHIO

14½ Cents a Rod

For 22-in. Hog Fence; 15 3/4-c for 26-inch; 18 3/4-c for 31-inch; 22c for 34-inch; 25c for a 47-inch Farm Fence. 50-inch Poultry Fence 33c. Sold on 30 days trial. 80 rod spool Ideal Barb Wire \$1.55 Catalogue free.

KITSELMAN BROS.,
Box 253 MUNCIE, IND.

At the Southern Ohio Show, held at Athens, Ohio, Jan. 27-Feb. 1, 1910, Harry T. Trainer, Carpenter, O., won 1st cock, score 93¾; 1st hen, score 91¾; 1st pullet, score 94; 1st pen, score 186 3-8; 3rd cock; 2nd, 3rd, 4th pullets, seven birds being entered. He is selling eggs from these choice Single Comb Brown Leghorns at \$2 to \$3 per 15, and is making a special offer to Southern purchasers. Write him for mating list.

F. L. Shaw, of Hutsonville, Ill., is a new addition to our list of poultry judges. Mr. Shaw is a licensed A. P. A. judge, and has officiated at Chicago, Indianapolis, Louisville, Nashville, Kentucky and Kansas State Shows. He has had many years of experience and is a graduate of the Hewes-Pierce school of judging.

We have received the mating list of the Diamond Stock Farm, R. 2, Newbern, Tenn. This farm breeds White Plymouth Rocks and S. C. White Leghorns that are as good as the best, and their prices are always reasonable. Send for mating list. They also breed fine Jersey cattle and will be glad to quote prices on these.

We call attention to the advertisement of Sam M. Cooper, of Fountain City, Tenn., which appears in this issue. Mr. Cooper is an enthusiastic believer in the success of the Exposition Poultry Show to be held here next fall, and says that he has started his incubators for hatching Exposition chicks. In S. C. Rhode Island Reds, Mr. Cooper has the very best quality of birds and he will give you a square deal every time.

Childress' White Leghorns Win

Jno. F. Childress, the White Leghorn man of Sweetwater, has for years advertised his White Leghorns as the Champions of the South, and from the winnings he has just made at the Great Atlanta Show, which claimed to have 2500 of the best birds ever cooped in one show in the South, he has good

proof. Mr. Childress entered only in the single class, entering seven birds and won 1st and 2nd cock, 1st pullet, 2nd hen and 1st cockerel. His birds have been making such clean sweeps as this for several years in the very strongest competition. The illustration found elsewhere in this issue of his first-prize Atlanta cock shows the quality of his stock.

No More Fat Folks—Double Chin Quickly Removed

If the advice of Mae Edna Wilder is followed, there will be no more fat folks in a short time. She took off thirty pounds of superfluous flesh in less than six weeks, and removed her double chin in two weeks, by a treatment of her own discovery, and she generously offers to tell anyone about it who is sufficiently interested to write to her. By her method there is nothing to take internally, no face straps or body bandages to be worn, no exercise or dieting, just a simple, harmless home treatment that you can use in your own room without the knowledge of your most intimate friends, and as if by magic your fat rapidly disappears without inconvenience to you of any kind. She has written a book intensely interesting to fleshy people, and she will give away ten thousand copies absolutely free. The book tells all about her wonderful treatment, and she sends with it sworn affidavits to back up her claims. It costs you nothing to find out about this treatment, and if you have a large bust, large hips, large abdomen, a double chin or superfluous flesh on any part of the body, and wish to get rid of it quickly, write her at once for a copy of the free book before the present edition is exhausted, and you will be agreeably surprised and pleased with what she sends you. Her address is Mae Edna Wilder, Suite 1925A, Rochester, N. Y.

FARM FENCE

15½ cts. a rod For a 26-inch high Hog-tight Fence. Made of heavy wire, strong and durable. Sold direct to the farmer on 30 DAYS FREE TRIAL. Special Barb wire, 80-rod spool \$1.55. Catalog free. **INTERLOCKING FENCE CO.** BOX 36 MORTON, ILLINOIS.

VETERINARY COURSE AT HOME

\$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. **ONTARIO VETERINARY CORRESPONDENCE SCHOOL,** Dept. 10, London, Canada.

LEC BANDS

Get our samples and prices before buying. Largest and best line on earth.

Smith Sealed. Used by America's leading Fanciers. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; postpaid.

Leader Adjustable. Smoothest and most secure fastening ever invented. Prices: postpaid, 12, 15c; 25, 35c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25. Send stamp for sample. We make other styles.

KEYES-DAVIS CO., Ltd., Mfrs.
Dept 520 Battle Creek, Mich.

PARRISH

BREEDS

Quality Columbian Wyandottes

Parrish breeds and sells more show specimens than any five breeders in the South.

At the great Nashville State Show, September, 1909, in the largest class ever shown in the South, I won First, Second and Third Pen; Second and Third Cock; First, Third and Fifth Hen; First and Second Pullet; Second, Third, Fourth and Fifth Cockerel.

Write for Catalogue

T. REID PARRISH

LICENSED JUDGE

North Sta., NASHVILLE, TENN.

DENNIE'S Buff Orpingtons

My birds speak for themselves—as layers and breeders of strong, vigorous chicks.

They win for me and will win for you *if you will only give them a chance.*

I have about

25 GOOD BIRDS FOR SALE

Inquiries a pleasure. Write me your wants.

West Lawn Poultry Yards

51 Gilmore Ave., Nashville, Tenn.

ROBERTS' "FAMOUS" WHITE WYANDOTTES RHODE ISLAND REDS

Built up by the Trap-Nest Individual Record System for Heavy Laying and Fancy Purposes. Won at Huntsville, (Chas. I. Fishel, of Hope, Ind., Judge) Dec. 1-4, 5 firsts, 5 seconds, 2 thirds, 2 fourths, 5 specials on Wyandottes. At Birmingham, won 1st cock, S. C. R. I. Reds, in biggest class of Reds ever assembled in the South. Winnings in two shows this Fall (1909) 29 regulars and 7 specials. Eggs for sale. Book free. When looking for best write, W. T. ROBERTS, Box 122, GURLEY, ALA.

S. C. BUFF LEGHORNS

Booking orders for eggs from the best in the South.

Eggs \$2.00 and \$3.00 per setting of 15.

ROBT. P. ADAMS, R. F. D. 1, Lynchburg, Va.

S. C. BUFF ORPINGTONS

Some choice cockerels and pullets for sale at reasonable prices. Have mated my stock. Can fill orders for eggs any time. Fertility guaranteed. Write for prices and premium list.

JAS. H. WHEELER,

BOHON, KY.

The WALLACE S. C. RHODE ISLAND REDS FIRST PRIZE WINNERS

Have your order for eggs booked now and avoid the rush.

Write for free mating list and show winnings.

JOE. L. WALLACE, Dalton, Ga.

BOLLINGER'S CHAMPION BROWN EGG STRAIN OF WHITE WYANDOTTES

My twenty years experience in breeding and perfecting the White Wyandotte enables me to offer this season EGGS from the most select matings I ever put together at \$2.00 per 15, \$3.50 per 30, \$10.00 per 100. REMEMBER I HAVE BRED, SOLD AND EXHIBITED SOME OF THE BEST WHITE WYANDOTTES IN THE SOUTH FOR YEARS. I can send you EGGS that will hatch regardless of distance. COLUMBIAN WYANDOTTES—Am breeding this beautiful variety along the same lines as my Whites. Have two pens, wonderful in color, that cannot fail to produce something good. EGGS \$2.00 per 15. Before you buy write me as I can surely please you. Catalogue.

R. S. BOLLINGER, SHANDON, COLUMBIA, S. C.

BOYD'S S. C. BROWN LEGHORNS

Winners of 31 ribbons on 31 entries in three of the largest Southern shows, including more 1st and 2nd prizes than all competitors combined.

If you want strictly high class birds or eggs write me. Matings all made.

DR. H. T. BOYD, SWEETWATER, TENN.

S. C. Buff Orpingtons, S. C. Buff Leghorns, S. C. White Leghorns

The Three Leading Strains of America

My Birds are winners of the blue, and will win for YOU. If you want eggs from good, healthy stock, that produce good healthy chicks, send me your orders. My prices are reasonable, and I can supply any number you may want.

F. M. BOSTICK, Box 423, HOT SPRINGS, ARK.

COLUMBIAN WYANDOTTES

52 regular and special premiums won by the birds we are offering eggs from this season. Circular for the asking.

H. E. CAIN, R. F. D. No. 3, Asheville, N. C.

NATURALLY

YOU WANT healthy, sturdy stock.

YOU WANT quick growers.

YOU WANT good layers.

YOU WANT birds that will be a credit to you.

YOU WANT your order to receive the personal attention of the management.

YOU WANT to buy where you get the greatest value for your money.

Then Send to

Afton Farm

YARDLEY, PA.

S. B. & E. W. Twining offer

Mammoth Imp. Pekin Ducks
Single Comb White Leghorns
Cornish Indian Games
Barred Plymouth Rocks
Pure White White Wyandottes

NOW IS THE TIME

To place your order for "EGGS FOR HATCHING."

OUR BOOKLET

It is sent free for the asking S. B. & E. W. Twining,
Afton Farm, Yardley, Pa.

BROWN LEGHORNS EGGS \$3.00 per 15 BLUE RIBBON WINNERS

My free circular on show
records and matings.

E. E. CARTER
KNOXVILLE, TENN.

Dept. I. H. 967 Broadway

BLACK LANGSHANS

Imported and home bred stock of the
highest type.

R. A. HEWES
CRETE, ILLINOIS

White Plymouth Rock Eggs FOR SALE

From birds that won 1st prizes at Lexington,
Richmond, Frankfort, and Kentucky State Fair,
1909. Eggs, \$1.50, \$2, and \$3 for 15; incubator, \$5 per
100. Stock for sale and satisfaction guaranteed.

MRS. JERRE B. NOLAND, Richmond, Ky.

LEARN VETERINARY DENTISTRY and make
\$2000 a year. We teach you at home in three months
of your spare time by illustrated lectures
and grant diploma with degree. Particulars free. The
Detroit Veterinary Dental College, Detroit, Mich.

Dozier's Famous B. P. Rocks

Made Famous by Egg laying and Winning prizes. 1907-'08, 33
Regular and 7 Specials. 1908-'09, 58 Regular and 8 Specials. So
far this season at 3 shows have won 38 prizes. At Memphis, Tenn.
against the New York breeders I was the only man South that won
on Barred Plymouth Rocks, winning 1st Hen, 2nd Pen and 3rd Pullet.

QUALITY:—That is what I breed. If you want GOOD
STOCK write for prices, in Trios and Pens. Have a lot of GOOD
COCKERELS extra that will improve your stock. Book your orders
now for early EGGS from LINE-BRED STOCK. Regular matings
\$3 per 15. Special matings \$5 per 15.

C. H. DOZIER (Breeder) Marion, Ala.


Choice Poultry Yards

*S. C. White and Brown Leghorns, White Wyan-
dottes, Rose and S. C. Rhode Island Reds, Buff Ply-
mouth Rocks, S. C. Buff Orpingtons and Silver
Spangled Hamburgs win wherever exhibited.*

Were awarded six 1st prizes, seven 2nds, five 3rds and one 4th prize at Knoxville,
Tenn., 1910, Show, and were awarded The Industrious Hen \$25 Silver Loving Cup
for the highest scoring pen in the show, all classes competing; also the Association's
\$20 Silver Cup for the highest scoring pen of White Leghorns, and many other
specials and club ribbons. Our birds won in every class at Asheville, N. C., 1908 and
1909, Shows. Our breeding yards are composed of PRIZE WINNERS only. Some
stock for sale. Eggs, either kind, \$1.50 for 15. *Satisfaction guaranteed or money
refunded.* Reference, Bank of Waynesville.

J. P. SWIFT & SON
WAYNESVILLE, NORTH CAROLINA

BREEDERS MAGIC EGG TESTER



shows the strongest hatching eggs BEFORE
incubation. Think of the saving! Thor-
oughly advertised and tried last year.
12,000 now in use. **Incomparable testi-
monials.** "Strongest germs in eggs testing 'xx.'"—SEILER.
How do your eggs test? Send for one and find out. Use
the Tester now at our risk and for sixty days after the
first hatch is off. If not desired, money refunded. A boy
can test 10 per minute. Sent prepaid, complete, with
newest methods of incubation, on receipt of \$2.00.

MAGIC EGG TESTER WORKS, Buffalo, N. Y. and Bridgeburg, Canada.

R. C. R. I. REDS

Eggs from prize winning stock \$5 setting. Pen
of 1st, 2nd, 3rd prize hens, 1st pullet, 2nd cockerel
at Asheville Poultry Show, all Tuttle stock.
Cockerel was sired by 1st prize cockerel at
Madison Square Garden, 1909. Will have only a
few settings to sell from this pen. Better order
at once. Settings from 2nd pen \$1.50.

CRESCENT POULTRY YARDS

CARL H. MESSLER, Prop.
ASHEVILLE, N. C.

S. C. BUFF ORPINGTONS

Eggs, \$1.50 and \$3.00 for 15

S. C. BROWN LEGHORNS

Eggs, \$1.50 and \$2.50 for 15

S. C. RHODE ISLAND REDS

Eggs, \$1.50 and \$2.00 for 15

Winnings, State Fair, Jackson, Miss., 1908,
Orpingtons, 1st pen; 1909, Orpingtons, 1st pen,
1st pullet, 2nd cock; Leghorns, 3rd cock.

50 Extra Nice Cockerels at \$2.50 to \$5.00 Each

Pekin Duck Eggs, \$1.00 for 11. Fox Terrier
Dogs—the very best of ratters. Ask for prices and
my mating list, 1910. Correspondence a pleasure.

M. T. YOUNG, R. 2, Box 3, Canton, Miss.

S. C. RHODE ISLAND REDS AND "CRYSTAL" WHITE ORPINGTONS

THE KIND THAT WIN AND LAY WHEN OTHERS FAIL

My record in the show room this season is almost unequaled by any Southern breeder, having won nearly 100 prizes, many specials, diplomas, silver cups, and shape and color specials at the following shows: Macon, Augusta, Atlanta and Gainesville, Ga., Gastonia, Asheville, N. C., Lebanon and Knoxville, Tenn.

If you want S. C. RHODE ISLAND REDS that are true shape and deep, rich red to the skin; and "CRYSTAL" WHITE ORPINGTONS that are "WHITE AS SNOW" and that win in the show room and lay in the breeding pens, you should place your order with me.

Send for my mating list that gives you a full list of my winnings and describes my breeding pens and shows you some of my prize winners from photographs as they are in my yard.

C. A. DOBBS,

Gainesville, Ga.

Member of S. C. Rhode Island Red Club, American Rhode Island Red Club, American Orpington Club.

PATTERSON'S WHITE ROCKS ARE WINNERS

The grandest utility bird on record today, and as to their fancy quality, our recent winnings at the great Atlanta Poultry Show demonstrates all we claim. All our winners, including our first prize cockerel, will be kept in our breeding yards throughout the hatching season. Eggs \$3.00 per 15; \$5.00 for 30.

PATTERSON FARM,

J. P. PATTERSON, Proprietor

FITZGERALD, GA.

Orpingtons

S. C. BUFF, Exclusively

EGGS REDUCED TO \$3.50

Per setting of 13, for this season only, as long as the supply lasts.

First Pen: Headed by grand young cockerel, sired by 1st winner at Madison Square in 1907. **Second Pen:** Headed by 1st cockerel at La. State Fair; both cockerels mated to large, shapely, buff-to-the-skin pullets and hens.

Fertility guaranteed. Mating List with full description and prices free. My supply will be limited and soon exhausted, so write at once.

GEO. M. WELLS, Pine Bluff, Ark.

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CLOSE-TO-NATURE BROODER

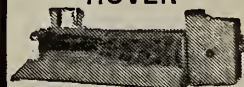
A Brooder built on the Most Exact Scientific Laws. Three life-saving Principles not found in any other brooder invention: Warmth by Conduction and Contact; Ventilation by Induction and Percolation; Prevention of Piling and Crowding by Mechanical Construction. Has met with a most remarkable reception the past three years, being used and endorsed by many scientific and successful poultrymen. Not a novelty, a hot air bake oven, a lampless cold storage box, nor a dollar "system", nor a quick-get-rich-forty-foot-lot plan, but it is an expensively constructed, common sense, close-to-nature chick nurse, blending the instincts of the mother hen with the reason of man and satisfying every natural impulse of the chick. Brooders are double, metal lamp box outside, hovers adjustable, double tops, triple hover floors, withstanding wind and weather. Brooders for orchard and field, and Independent Hovers ready for instant use in box or shed. Need little attention. Eminently the brooder for the business man and the farmer.

Incubators of same high merit and equal successful experience of the brooders. Catalog free.

CLOSE-TO-NATURE COMPANY, 28 Front Street, COLFAX, IOWA.



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Secretary's Entry Book

A very compact book, size 8½x8½ inches, giving ample space for making entries without crowding. Printed on best quality of paper and handsomely bound. Our simple, labor-saving system of special indexing is a feature that adds much to the value of the book, and affords a great saving of time in making entries.

50 Leaves\$1.00

75 Leaves 1.50

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The 50-leaf book gives room for 750 entries; the 75-leaf, for 1125 entries; and the 100-leaf book allows for 1500 entries.

Thus you can select a size suited to the requirements of any show. Send cash with your order and the book will be sent, all charges prepaid. Make remittance payable to

THE INDUSTRIOUS HEN COMPANY,
Knoxville, Tenn.

S. C. W. Orpingtons

THE STRAIN THAT LAYS

EGGS \$2 per 15

NO STOCK FOR SALE

J. C. MOORE

DOTHAN, ALABAMA

BARRED AND WHITE ROCKS

My birds have never been defeated in show room. Last winnings almost unparalleled. 1st, 2nd, 3rd cock; 1st, 2nd, 3rd, 4th cockerel; 1st, 2nd, 3rd, 4th hen; 1st, 2nd, 3rd, 4th pullet; 1st, 2nd, 3rd pen and best breeding pen in show.

Eggs from best pens, \$3.00 per 15; second pens, \$1.50 per 15.

Day old chicks, \$12.50 and up per 100.

A few exhibition White Rock males for sale—bargains for breeders.

SCOTCH COLLIES, the poultryman's friend.

SANFORD McFERRIN

R. F. D. No. 5,

SPRINGFIELD, TENN.



CHICK-A-DEE FARM

BRED TO LAY

SINGLE COMB WHITE LEGHORNS

J. A. DINWIDDIE, Route 3, NEW MARKET, TENN.

FOR BROWN LEGHORN AND R. I. RED

Eggs that will hatch, chicks that will grow and produce pullets that will lay, book your order with "Thornhill." He has, and is still breeding for the egg producer.

THORNHILL'S POULTRY FARM,

Hartselle, Ala.

WANTED

Everybody who wants the best egg producers and prize winners in the U. S. A. in S. C. White Leghorns to write me. I ship every bird on approval. If not pleased return shipment and I pay express both ways and refund all money paid. Breeding stock strong and laying. Only 200 head more of fine breeders to sell at \$2.00 per head. Yearlings and pullets, cocks and cockerels, \$3.00 each. My exhibition yard has an average score of 95 points. Eggs \$3.00 per 15. All other yards made up of fine breeders, eggs, \$1.50 per 15; \$8.00 per 100.

A. J. LAWSON, Prop.
WHITE HILL POULTRY FARM
Route 4, Box 2, CLEVELAND, TENN.
State V. Pres. Natl. S. C. W. Leghorn Club.

BUFF WYANDOTTES

The Best All-Purpose Fowl

My matings are the best in the South. Eggs, \$3 per 15; \$5 per 30. Get my show record—it's a good one. Write for circular.

R. C. RICHEY
"FIVE ACRES"

McKENZIE, TENN.

Member of the American Buff Wyandotte Club

SUPERIOR QUALITY BREEDS

(At St. Louis, 1909)

Awarded Highest Honors. Andalusians—1 cock, 2 hen, 2 pullet. Columbians—2 hen, 4 prizes and 6 entries. Over 5000 birds competing—from 22 states. Also won at Tenn. State Fair, including Orpingtons. We have the goods, come to us.

Martin Poultry Farm, R. 5, Nashville, Tenn.

MERITORIOUS STOCK MAKES BUSINESS

Our pens of R. and S. C. Rhode Island Reds, Barred Rocks, S. C. Black Minorcas, Columbian Wyandottes, Buckeye Reds, have been scored and mated by an expert judge and we offer eggs from our splendid matings at \$1.25, \$2.00 and \$3.00 per 15 eggs. We always endeavor to please our patrons and give them full money value. A few scored S. C. R. I. Red cockerels for sale.

J. C. CATE, R. F. D. 1, MARTIN, TENN.

WHITE WYANDOTTE CHICKENS

MAMMOTH PEKIN DUCKS

Quality Birds Bred to Lay

Won this year 15 firsts; 9 seconds; 2 thirds; 2 fourths; 3 fifths; 2 specials; Silver Cup.

Eggs, Chicken, \$1.50 for 13.

" Duck \$1.50 for 11.

O. RUTHERFORD, Box 77, EUTAW, ALA.

S. C. WHITE LEGHORNS

The kind that lay eggs and win the prizes. Have taken firsts or seconds at all the shows have shown at this fall. Have done it without any preparation for the show room whatever. Now have my pens all mated up and can furnish eggs at \$2 to \$5 for 15.

DR. S. C. TATUM, CENTER, ALA.

CRESCENT HILL POULTRY FARM

Breeder of

RINGLET BARRED ROCKS, R. C. B. LEGHORNS and BOURBON RED TURKEYS

Eggs, 1st Pen, \$2.00; 2nd Pen, \$1.50. Some stock for sale. My birds are farm raised, strong and vigorous and prize winners. Mail orders a specialty. Address

MRS. M. N. BARFIELD, Henning, Tenn.

INDIAN STRAIN

ROSE COMB RHODE ISLAND REDS Exclusively

My stock is from 1st prize winners at New York, Boston and Indianapolis. They have won for me, in keen competition, at South's best shows. Write for my booklet—it's free. Eggs \$3 and \$4 per 15. Satisfaction guaranteed.

E. W. ALLEN,

West Nashville, Tenn.

S. C. R. I. Reds and S. C. White Leghorns

Eggs from best prize winners in Reds, \$3.00 per 15, \$5.00 per 30. Leghorns, \$2.00 per 15, \$3.50 per 30.

Day old Chicks. Pedigreed Scotch Collies.

BERNICE N. ANDERSON,

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REDS—ROCKS—CORNISH
BOTH COMBS BARRED AND BUFF INDIAN GAME

REDS from Langford & Tracy strains, Eggs \$3.00 to \$5.00 per setting.
BARRED ROCKS from Thompson's famous "Ringlet" strain, Eggs \$3.00 to \$5.00 per setting.
CORNISH INDIAN GAMES. Imported stock, Eggs \$2.50 to \$4.00 per setting. Special prices in large quantities.

All our stock carefully selected from the very best strains for vigor and laying qualities. If you want eggs from the very best stock send in your orders now and get something that you will be proud of at your next show. We give a year's subscription to "THE HEN" with every order for 100 eggs.

Agents for Cyphers Incubators and Poultry Supplies. Write for circular. A few nice R. I. Red cockerels for sale.

HAMILTON & CRAY, Box 52, Gastonia, N. C.

BARRED PLYMOUTH ROCKS—INDIAN RUNNER DUCKS

Two of the best utility strains in the South. Eggs from both breeds, \$1.00 to \$2.00 per setting. \$5.00 to \$10.00 per 100. No stock for sale. Satisfaction guaranteed.

RIVER VIEW POULTRY FARM, W. F. Bayless, Prop., Morristown, Tenn.

WINNERS EVERYWHERE SHOWN

In order to make room, we will sacrifice one cockerel and two pullets, descendants from noted prize winning Barred Rocks, and mated to produce prize winning cockerels, for fifteen dollars. One of the pullets laid twenty-six eggs in thirty days. Also one trio of White Orpingtons for eighteen dollars. Pullets have laid twelve eggs each in last fourteen days, and one of them is full sister to pullet winning 1st at Asheville and 1st at Knoxville, scoring 95½.

H. B. & E. S. NEEL,

ASHEVILLE, N. C.

West's Barred Rocks

"ALWAYS WIN"

Last winnings Augusta, Ga., 1909, 1st cockerel, 2nd cock; 2nd and 5th pullets; 2nd, 4th and 5th hens; 1st pen. Silver Cup for best cockerel. Silver Cup for best pen. EGGS \$2.00 per setting. FINE STOCK FOR SALE.

JOHN F. WEST,

GRANITEVILLE, S. C.

PRIZE WINNING S. C. BUFF ORPINGTONS

At Tenn. State Fair, Nashville, 1909: 2nd cockerel and 4th pullet. At Alabama State Fair, Birmingham, 1909: 1st cockerel, 1st pullet and 2nd pen. At McMinnville Poultry Show, McMinnville, Tenn., 1909: 1st cockerel; 1st, 2nd, 3rd pullet; 1st pen, and six specials and one sweepstakes. At Knoxville Poultry Show, Knoxville, Tenn., 1910: 1st cockerel; 2nd, 3rd, 4th pullet; 1st, 3rd pens; three specials.

EGGS \$3 AND \$4 PER 15.

G. B. MOORHEAD, Lynchburg, Tenn.

EGGS

From Our Bred Right, Hatched Right, Reared and Fed Right

Wilber's World-best-bred-to-lay-and-win Single Comb White Leghorns

Unexcelled the WORLD OVER for BEAUTY, SHOW QUALITY AND GREATEST EGG PRODUCERS—"THEY'RE BRED FOR ALL" "Would You Have The Best?" Our 1910 matings the best yet. Let us book your order today for some of our TOP NOTCHERS—winners you will get fit for any show. Eggs \$2, \$3, and \$5 for 15, or \$3.50, \$5, and \$9 for 30. Special prices in lots of 100 and up. Our Handsome Catalogue for Stamp—Satisfaction Sure. Write Us Your Wants—And Have But The Best—Or Mail Order to

WILBER BROTHERS, Route 4, Box G, Cleveland, Tenn.

18 Years The White Leghorn Men.

WINNING WHITE WYANDOTTES

At Chicago in Dec., 1909, I won 1st cock, 2nd pullet, 1st pen, and specials for shape, for color, for best display; for best cock, hen, cockerel and pullet. At the Atlanta show Jan., 1910, I won 1st cock, 1st and 5th hen, 2nd cockerel, 1st and 4th pullet, 1st pen, also sweepstakes over all pens of solid color. If you like the best, write.

M. F. MORRIS, Box 255, Atlanta, Ga.



A. C. SNODDY
BREEDER OF
COLUMBIAN
WYANDOTTES

Winnings, Knoxville, 1908, 1 pul., 2 ckl.; 1910, 1, 2, 3, 4 hen. 3 and 4 ckl., 2 pen. Eggs \$1.50 and \$3.00 per 15.

NEWPORT, TENN.

EADY'S S. C. R. I. REDS

For the last two years we have won in eight leading shows of the South. 1908, won at Gadsden, Mobile, Birmingham, Ala. and Houston, Texas. 1909, won at Tullahoma, Tenn., Meridian, Miss., Gadsden, and Birmingham, Ala. Some of these Reds scored as high as 94 by Judge Marshall. We mated our birds Jan. 1st for 1910. We have 10 grand pens. Every cock and cockerel in these pens has won in some of the shows. Most of these pens are made up from prize winning hens and pullets. We expect to raise a lot of show birds from these pens. We want you to try a few settings of our eggs this year. Our price is \$2.00 and \$5.00 per setting of 15; \$10.00 per hundred. We have a lot of good cockerels and a few pullets for sale. Write for my 1910 mating list. Address

C. W. EADY
GUNTERSVILLE, ALABAMA



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THE CLEARNESS OF OUR
CUTS, THEY PRINT WELL



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719 CHERRY STREET
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WRITE FOR PRICES

**WHEN IN NEED OF
BUFF WYANDOTTES**
be sure and write the old reliable
Blue Grass Poultry Yards
WM. K. LEWIS, Prop. DRY RIDGE, KY.
Have bred them nine years. Our show
record is a GOOD ONE.

Invincible S. C. Brown Leghorns

Again win firsts, Southern Ohio Show.
Eggs, \$2 to \$3.

Special offer to Southern buyers.

HARRY T. TRAINER, CARPENTER, OHIO

GOLDEN WYANDOTTES (EXCLUSIVELY)

Mapleton Yard Birds continue to win in the big shows and they always win when eggs are considered. If you like beauty and business combined, write to

G. A. HARRISON
Vice-Pres. Golden Wyandotte Club

Phone M. 245, Sta. B, NASHVILLE, TENN.

OUR ROYAL STRAIN OF

Barred Plymouth Rocks and White Wyandottes

are winning for us again this year at the big shows as they have done in the past. We won at Greenville, S. C., County Show; Augusta, Ga.; Spartanburg, S. C.; and Atlanta, Ga. At the latter show we won 1st Barred Rock hen and 3rd cockerel. We only exhibited 5 Barred Rocks at this show.

Those wanting eggs from prize winners had better write us at once.

DES-RENA POULTRY YARDS, Greenville, S. C.

CHAPMAN'S IMPROVED TRAP NEST



Is proclaimed by all poultrymen who have seen it to be the most practical and best made nest on the market today. Hundreds of letters and orders are coming in from all over the United States and without a word of dissatisfaction from a single customer; the reason is, because this nest can be depended upon to absolutely trap the hens.

The Chapman nest is made upon honor and constructed on mechanical principles that are bound to make it the leading Trap Nest of the world. A trial order will prove it and we guarantee to refund the money if it does not trap the birds. Write for catalogue.

3 Nest Size, \$3.00; 6 Nest Size, \$6.00. Chapman's Sanitary Fountain. Liberal discounts to agents.

CHAPMAN TRAP NEST CO., Weld Bldg., Boston, Mass.

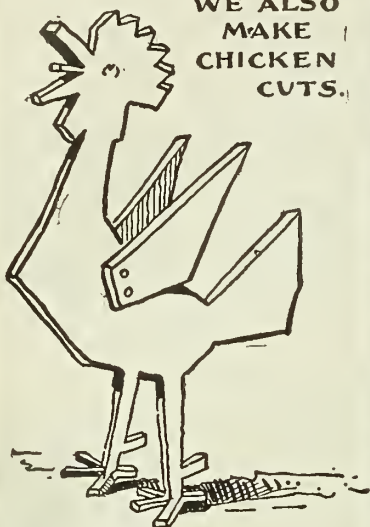
Frank's S. C. Rhode Island Reds

Won at Nashville, September, 1909, first cockerel, second and third cock, second and fourth hen, fourth pen; also Silver Cup and American Poultry Association Medal for best cockerel in show; American Poultry Association Diploma for best male under year old. At Memphis, won second cock; at Augusta, won third cockerel and fourth cock. No more stock for sale until after the egg season. Eggs \$2, \$3, \$5 and \$8 for fifteen; \$3, \$5, \$8 and \$12 for thirty. Catalogue free.

JAMES M. FRANK, Cherry St., near Church, NASHVILLE, TENN.

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WE ALSO
MAKE
CHICKEN
CUTS.



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cording to American
Standard of Perfection
Write for Prices.-----*

KNOXVILLE ENGRAVING Co

HENRY ST KNOXVILLE T.

At Stud Fees \$20.00

The Noted Airedales
CH. HARRY JONES
BRIAR'S TEDDY
HOT

Jones and Teddy by ch. Bolton Woods Briar ex. ch. York Masterpiece bitches. Hot by ch. Clonmel Monarch ex. imp. Pretty Florrie and litter brother to that wonderful bitch, ch. Tanglewold Una. There are five champions in these three litters. They are sired by two of the most wonderful Airedales living or dead. Unfortunately both are dead. Several first-class litters of these noted strains. Address

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R. I. REDS, COLUMBIANS

GOLDENS, WHITES—BOTH COMBS, S. C. BUFF
ORPINGTONS

Old stock for sale cheap to make room for young

DILLON & BELL

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Which Hen Layed the Egg?

We have a system showing absolutely WHICH HEN LAYED THE EGG. You can feed your fowls in the morning, visit yards at night and immediately recognize every hen that layed and each individual egg. No guesswork, examination or catching hen. Cheap to install, no expense afterward and will last a lifetime. Get rid of the drones, breed from the heavy layers and double your profits. Booklet telling how you can construct and operate this system sent prepaid upon receipt of \$1.00. Don't ask questions. Get the booklet. It tells all. We have nothing else to sell, and \$1.00 is all it will cost you to get the System.

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BOX 336, KNOXVILLE, TENN.

S. C. BUFF LEGHORNS

Eggs, layers, breeders, winners

P. M. BROWN, St. Matthews, Ky.



EGGS FOR HATCHING FROM FOGG'S S. C. WHITE LEGHORNS

are the kind that will hatch you WINNERS and HEAVY LAYERS. My matings this season contain the best birds in this country. 1910 mating list is ready now. If you want EGGS in single setting or thousand lots, it will pay you to send for it.

Cockerels and pullets in any size lots at right prices. If you are interested in "THE BEST IN S. C. WHITE LEGHORNS" send for mating list and catalog NOW. Get your order in early.

N. V. FOGG, Box A, Mt. Sterling, Ky.

SICILIAN BUTTERCUPS

Eggs From Winning or Exhibition Birds

Original, imported blood. . None finer. Circular sent on request.

MRS. J. S. DUMARESQ

CATO'S HALL,

EASTON, MD.

TERRELL'S S. C. R. I. REDS

Bred for utility, also fancy points. My birds have been winners since 1904 at such shows as Aberdeen and Meridian, Miss., Nashville and Bristol, Tenn., Augusta and Atlanta, Ga., Charleston, S. C., Houston and Marshall, Texas, Birmingham, Montgomery and Mobile, Ala., also in the hands of my customers at many of the Big Southern Shows, such as Dallas and Ft. Worth, Texas, Oakland, Cal., and Portland, Ore.

Eggs, Prize Mating, \$5.00, Special Mating, \$2.00.

Some extra fancy Cockerels and Pullets for sale, also some good breeding stock.

Write for circular of winnings and matings.

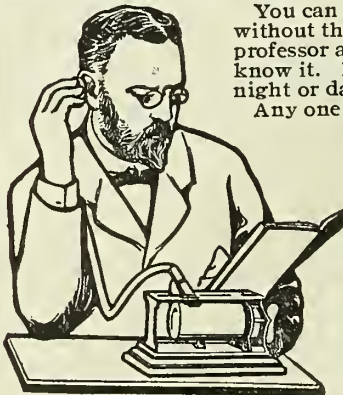
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SINGLE COMB RHODE ISLAND REDS

Farm raised, heavy layers. Eggs a specialty. Standard in size and color. Good for business, beauty, and for show. Booking orders for eggs now. Prices reasonable.

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You can do it during your spare time in your own home, easily and quickly without the aid of a teacher. We furnish you with the living voice of a native professor and he pronounces each word and phrase over and over until you know it. He speaks as you choose—slowly or quickly, when you choose—night or day, for a few minutes or hours at a time.

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is the natural method for acquiring a new language. It trains the eye, ear, tongue and mind at the same time. It does away with dry, tedious and tiresome rules and makes language study a pleasant mental recreation. It is not expensive—one or all the members of the family can enjoy its many advantages.

On request we will send testimonial letters from leading educators also an interesting booklet and full particulars.

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SPECIAL TO BREEDERS !

Under this department, name and address, in one line, will be inserted under choice of breeds at 25c for each insertion; \$1.25 for six months, or \$2 for twelve months. Cash to accompany order

Barred Plymouth Rocks

Mrs. Ora M. Huie, R. 5, Newbern, Tenn.

Scotch Collie Dogs

Knox Collie Kennels, Knoxville, Tenn

R. I. Reds

Indian Poultry Yards, W. Nashville Tenn

White Wyandottes

R. L. Cole, Newbern, Tenn.

OAK HILL FARM S. C. WHITE LEGHORNS (Exclusively)

Old and young stock for sale. I believe I can please you. Eggs from pens Nos. 1, 2, 3, 4, 5, \$3.00 for 15 or \$10.00 per 100; from pens Nos. 6 to 20, \$1.50 for 15 or \$7.00 per 100.

B. F. HART, COLLEGE PARK, GA.

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There's twice the pleasure in every outing for those who Kodak. Not merely the increased pleasure of the day's trip, but afterward, added pleasure in the possession of pictures of people and places and incidents that have gone to make up the day's enjoyment.

And anybody can make good pictures with a Kodak or a Brownie Camera. Every step is simple now. There's no dark-room for any part of the work. Loading, unloading, developing, printing, are all by daylight. You can easily do it all; or if you prefer may "press the button" and leave it to another to "do the rest."

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Blood and Nerve Tablets

The Great Tonic
For Old People
Build Up the Vital Forces.

Price, 50c. Book free. Dr. Chase,
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A NEW THING IN CHICKENDOM

INOCULATION—scientific treatment of fowls. Inoculated fowls immune to White Diarrhea, Cholera and Roup; diseases caused by the germ *Coccidium tenellum* attacking the intestines. The germ is in the egg. Oculum destroys the germ. What vaccination is to man, Oculum is to fowls. A \$1.00 bottle inoculates 300 fowls and 600 chicks. Guaranteed.

HANCOCK INOCULATUM CO., Inc., Box A, Salem, Va.

Indian
Runner
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Ducks

Frogdale Poultry Farm

Geo. C. Thayer, Prop. French Lick, Ind.

BABY CHICKS, EGGS and STOCK

Choice Strains

None Better Bred

White
Wyan-
dottes,
Barred
Rocks

INVINCIBLE BARRED ROCKS—COCKEREL AND PULLET MATINGS SINGLE COMB BLACK MINORCAS

Won at Pickens, S. C., Sept. 22-24, '09, on Rocks, 1st cockerel, Dec. 8-12, '08, on Rocks, 1st cockerel, 1st, 2nd, 3rd pullet, 1st pen; Greenwood, S. C., Oct. 26-28, '09, 1st and 2nd cockerel; Rock Hill, S. C., Dec. 2-6, '09, 3rd hen, 2nd pullet, 4th cockerel. Pickens, S. C., Sept. 22-24, '09, on Minorcas, 1st and 2nd cockerel; Greenwood, S. C., Oct. 26-28, '09, 1st, 2nd and 3rd cockerel; 1st cock at Spartanburg, S. C., Nov. 30-Dec. 2, '09, 2nd and 4th cockerel; Rock Hill, S. C., Dec. 2-6, '09, 1st cockerel, 3rd hen. They win everywhere. Eggs \$2.50 per 15—guaranteed to hatch or money refunded.

MILLCREST POULTRY YARDS, R. G. McCANTS, Prop., NINETY SIX, S. C.

The American Beauty Strain of Single Comb Rhode Island Reds CAN NOT BE SURPASSED

Heavy layers, standard in shape, size and color. Book your orders early for eggs for your prize winning birds. Eggs \$5 to \$10 for 15. A few fine cockerels for sale. Also registered Berkshire pigs. Address

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First prize winners at New York, Jamestown, Boston, St. Louis, Chicago, Scranton, Pa., Springfield, W. Va. State Fair, Marshfield, Wis., Birmingham, Knoxville and Bristol. Fine breeders for sale. Eggs \$2.00, \$5.00 and \$10.00 for 15. One fourth off on two settings or more.

SOUTHERN POULTRY FARM, (Wade Hampton, Proprietor) ROGERSVILLE, TENN.



Lady Baltimore
Winner Shape Special,
Little Rock, Ark., Score 94.

S. C. REDS

Bred from a long line of prize winners. They show their breeding by winning in four states, 1909. With 15 birds entered at Little Rock, Ark., I won nine regular and seven specials, including Stiff loving cup for highest-scoring pen of any class in show; \$10 in gold for second highest-scoring fifteen birds by one exhibitor. 3 out of 4 club badges given by the Rhode Island Red Club of America. If you want the best in Reds or if your flock needs new blood, Mr. Breeder, write me. Mating list now ready. Eggs for hatching. Stock all sold.

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From line bred and prize winning stock of Barred Plymouth Rock and S. C. Buff Orpingtons (Rocks, double mating). Poor hatch adjusted. Eggs \$2.50 per 15.

SHADLEY & FOIT

R. D. 3,

WINCHESTER, TENN.

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A. J. STANBERRY, Prop., R. 2, NEWPORT, TENN.

Single Comb Rhode Island Red Cockerels for Sale

Eggs, \$5 for 15, from Pen No. 1, containing "Appalachian Chief", 1st cockerel at Newport and Morristown, 1910, and 1st pullet at Knoxville, 1910, and 15 others of same breeding. From Pens Nos. 2 and 3, \$2 and \$1, respectively.

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Fifty varieties pure bred chickens, ducks, geese and turkeys. Northern raised, hardy and fine in plumage. Prize winners at the world's largest shows; lowest prices on stock and eggs, incubators, brooders and poultry supplies. Large illustrated catalogue mailed for 4c.

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Buff Cochin Bantams—Prize Winners, Egg Layers

Five Grand Pens. Mating list for the asking. Eggs by the setting or hundred. Satisfaction guaranteed.

ROGER V. HARP, Short St., LEXINGTON, KY.

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FROM MY BEST SINGLE COMB REDS CHEAP

JOHN W. BROWN
THORN GROVE, TENN.

Buff Plymouth Rocks

That are bred to the highest possible degree of excellence. Winners at Louisville, Ky., Jeffersonville, Ind., and other noted shows. Cockerels are large, rich BUFF to the skin, clear in wing and tail, birds that will do you good both at the show and in your breeding yards. Prices that will move them.

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The largest and finest marked turkeys the world has ever produced, leading winners in seventeen different states in the best shows America affords. Write us before you buy. Satisfaction guaranteed or money refunded.

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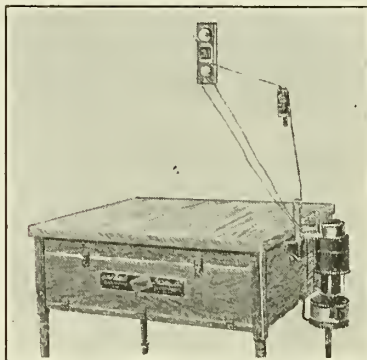
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Best shape, size and color for the show room, and as egg producers, none better by test. Eggs from Pen 1, \$5.00; Pen 2, \$4.00 for 16 eggs.

S. C. ALEXANDER,

ASHEVILLE, N. C.



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Our alarm is the greatest labor, worry and money saving invention that has ever been offered to poultry raisers.

It enables you to practically read the thermometer in your incubator without leaving your room, it makes no difference whether the incubator is in the adjoining room or one hundred yards distant, and also to secure better hatches.

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We offer 50 very fine early hatched cockerels at \$3 and \$5 each. Birds that are good enough to improve any one's flock. Only a few pullets and hens to spare.

We have mated 10 yards for best results, and eggs all show strong fertility. \$2 per setting; two settings for \$3.50. Incubator lots a specialty at \$8 per hundred.

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100 very choice cockerels at reasonable prices. 500 bred to lay pullets of choicest quality.

Best Laying Strain in America.

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Largest Exclusive Breeders of Reds in the South

Eggs for hatching a specialty. Write for our mating list, showing winnings, before placing your order. Safe arrival of eggs, good hatch and satisfaction guaranteed. Eggs from prize pens \$2.00 per 15. Special prize matings \$3.00 per 15.

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SHEPPARD'S FAMOUS ANCONAS—The World's best. First, London, England; Cleveland; Madison Square. Greatest layers in poultrydom. Rose or Single Comb. Circular. Cecil Sheppard, Importer, Berea, Ohio. 70

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BLUE ANDALUSIAN and White Face Black Spanish. Tennessee State Fair winners 1908. Eggs 15 for \$1.65; 30 eggs for \$3.00. A. N. Brown, Woodbury, Tenn. 79

BLUE ANDALUSIANS, White Faced Black Spanish, Silver Spangled Hamburgs and Indian Runner ducks. First winners. Finest strains. Prices reasonable. Stock and eggs. H. R. Birchett, Lebanon, Tenn. 77

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RARE BARGAINS—Golden and Silver Sebright, Buff and Black Cochins, Rose Comb Black and Black-breasted Red Game Bantams. Proper & Co., Schoharie, N. Y. 74

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BUCKEYE REDS—eventually, why delay. Three firsts, St. Louis. Eugene Cowles, Shelbyville, Ky. 73

BUCKEYES exclusively, ninth year, Banner Reds, premier utility breed. Won first Cincinnati, 1907-8-9. S. G. Dunning, Camden, Ohio. 69

BUCKEYES. Ideal, all purpose, dark red fowl. Winter layers, hardy, beautiful. Winners Chicago, St. Louis, Kansas City, Cincinnati. Eggs, \$2.00 per sitting; 30, \$3.50; 45, \$5.00; 100, \$10.00. A. H. Weisberg, Nevada, Mo. 77

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AUSTRALIAN BUFF DUCKS—Champion Buff ducks. Something new. Imported. Eggs \$3.00 per 15. Barred Rocks. New blood. \$1.50 per 15. Pineapple Poultry Farm, Kirbyton, Ky. 71

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MY PURE WHITE INDIAN GAMES or White Cornish, as Club now calls them, are all purpose money makers. Satisfaction guaranteed. M. E. Kennedy (Club member), Temple, Ga. 70

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COFFMAN'S BUFF LEGHORNS always win, always lay. A grand combination. Get right by buying your eggs of Coffman. \$1 and \$2 per setting. J. N. Coffman, Edinburg, Va. 69

S. C. BROWN LEGHORNS. Have won more firsts and silver cups than any breeder in past two seasons. Mating list free. N. B. Spearman, Ida, Louisiana. 69

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ROSE COMB White Leghorns. Winners. Lew Nelson, R. 3, Britt, Iowa. 74

S. C. BUFF LEGHORNS. Buffs that are golden buff. True to feather. Heavy layers. Prize winners. Eggs from best pens, \$2.00 per 15, \$3.50 per 30. Stock for sale. Prices reasonable. W. R. Cunningham, Lynchburg, Va. 71

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QUALITY AND UTILITY. Rose Comb White Leghorns. Winners at Chicago, St. Louis, Indianapolis. Great laying strain. Eggs, \$3.00 per sitting. "They lay and they win." Max Fries, "Rural," Warsaw, Ind. 71

S. C. WHITE LEGHORNS. 1st cockerel, Rock Hill, S. C.; 1st, 2nd, 4th hens; 2nd, 3rd pullets; 1st pen, Gastonia, N. C.; hot company. Special for best pen. Eggs, \$2.50 per 15. Eggs from strictly good utility White Leghorns and Barred Plym. Rocks, \$1.00 per 15. Brooklyn Poultry Yards, Clover, S. C. 69

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EGGS and STOCK from prize winners. S. C. White Leghorns, Wyckoff Strain. Best layers. Satisfaction guaranteed. T. M. Hall, High Point, N. C. 69

MINORCAS

S. C. BLACK MINORCAS—with a show record. Eggs, \$3.00 for 15. 50 eggs for \$9.00. Satisfaction guaranteed. Mrs. W. S. Porter, 1908 Russell St., Nashville, Tenn. 72

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CHEAPEST PLACE: Pheasants, Pigeons, Peafowl, Poultry, Rabbits, Phoenixfowl, Decoy Ducks, Wild Turkeys, Quail, Dogs, Pet Stock, Parrots, Squirrels, Swans, Ferrets, etc. Eggs for hatching. Catalogue, full description, 300 illustrations, colored cuts, 20c. U. S. Pheasantry, Poughkeepsie, N. Y. 70

ORPINGTONS

S. C. BUFF ORPINGTONS—First pen headed by first cockerel at Kentucky State Fair, 1910. Eggs \$3.00 for 15. Second pen, \$1.25. Utility birds, \$1.00 each. Mrs. Thos. Montgomery, McMinnville, Tenn. 69

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LAST SPRING I bought a pen of Crystal White Orpingtons from Kellerstrass Farm and have been successful with them. This

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WHITE ORPINGTON cocks hatched from Wm. Cook's first prize stock's eggs, \$5.00 each. L. L. Middlebrook, Patmos, Ark. 69

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I OFFER guaranteed mated Homers in any quantity at \$1.00 per pair, and challenge Squab companies or dealers to produce better stock at twice this price. Beautiful white Homers \$1.50 pair. Get my prices on Runts, Carneaux and Maltese Hens, and save dollars. "Charles Q." Gilbert, 1563 East Montgomery Ave., Philadelphia, Pa. 73

WANTED—5,000 Common or Homer pigeons. Pay at least 25c pair. Highest prices paid for Guinea Fowls, Live Rabbits, and Guinea Pigs. "T" Gilbert, 1128 Palmer Street, Philadelphia, Pa. 73

FREE—Illustrated catalogue, hundreds fancy pigeons and squab breeders. Common pigeons wanted. The Michigan Pigeon Lofts, Dept. N, Port Huron, Mich. 69

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REMOVAL SALE: 150 young Single Comb Reds and 2 cocks, 20 hens, 150 youngsters in Bradley Barred Rocks at sacrifice prices. McKay & Parker, Algoma, Wisconsin. 70

WILLIAMSON STRAIN Rose Comb Rhode Island Reds. Prize winners in America's leading shows. Quick growers, vigorous and heavy layers. Eggs for hatching from select exhibition matings, \$1.50 per fifteen. Williamson Farms, Mattoax, Va. 71

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S. C. RHODE ISLAND REDS—2nd cockerel, Tenn. State Fair, 1908; 2nd cockerel, Tenn. Valley Fair, 1908; 1st pullet, Tenn. Valley Fair, 1908; 2nd pen, Tenn. Valley Fair, 1908; 1st cock, Tenn. Valley Fair, 1909; 2nd pullet, Tenn. Valley Fair, 1909. Eggs reasonable. Send for mating list. Geo. W. Wilkes, Huntsville, Ala. 72

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- BUFF ROCKS**. 200 cockerels and pullets. Ours won 26 prizes at five shows. Eggs in season. Write your wants. James Marsh, R. 1, Seymour, Ind. 70
- SELLING FIVE POUND ROCKS** special for broiler raising, \$12.00 dozen. Wanted two pound broilers from ending of March till ending of May; pay \$50.00 hundred delivered. Berel's, 1021 Ninth, New Orleans, La. 69
- SAY!**—Write today for our mating list of Columbian P. Rocks. Its free. Address Hartsock Bros., Box N, Cardington, Ohio. 71
- KENTUCKY RINGLETS**. Bred to win, lay and pay. Carefully mated pens for pullets or cockerels. Eggs, \$1.50 per 15. Free range eggs, \$4.00 per 100. Sunflower Poultry Farm, Altamont, Ky. 72
- "RINGLET" Barred Rocks of superior breeding and quality. Large size and fine shape and barring. Can furnish eggs from choice pens at \$1.50 per 15, \$2.50 per 30, \$3.50 per 50 or \$6.00 per 100. Robt. Downer, Guthrie, Ky. 70
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- TWELVE VARIETIES**—Houdans, Hamburgs, Wyandottes, Minorcas, Rocks, Reds, Leghorns. Eggs, \$1 up. Fowls, \$1.50 up. J. R. English, Iron-ton, O. 70
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-  **BREEDER AND SHIPPER OF ALL** the leading varieties of land and water fowls. Far raised stock for sale and eggs in season. Send two cents in stamps for my poultry book. Henry Pfile, Box H, Freeport, Ill. 72
- IDEAL POULTRY AND STOCK FARM**. We have the finest birds this season that we have ever mated, and can give you eggs from prize winning pens of Buff Orpingtons, Black Minorcas and Silver Wyandottes at \$1.50 for 15 eggs. Eggs from good matings in Silver Laced Wyandottes, White Wyandottes, Buff Orpingtons, Brown Leghorns, Black Minorcas, Rhode Island Reds, B. P. Rock, and M. Pekin Ducks at \$1.00 per 15. Guarantee a hatch of 10. Satisfaction or money back. C. E. Smith, Afton Tenn. 71
- S. C. WHITE LEGHORNS**—Wyckoff Strain. Buff Orpingtons and Barred Plymouth Rocks. All highest quality. Satisfaction guaranteed. Willowbrook Farm, High Point, N. C. 69
- SINGLE COMB RHODE ISLAND RED** cocks, White Wyandotte hens. Humphrey Bone Cutter, good as new, for \$8.00. Mrs. Chas. Seiferman, Corinth, Miss. 73
- J. A. THORNHILL**, Hartse's, Ala., sells Brown Leghorns and R. I. Red eggs that will hatch, from thoroughbred stock. 71
- HOUDANS**—ROCKS—Perfect on St. ain, prize winning Houdans. 286 egg variety. Eggs \$2.50, \$3.00 and \$4.00 per 15. Send for mating list. Young stock, Barred Rocks, Bradley Bros. strain, pure blood. Eggs, \$2.00 and \$3.00. Jas. L. Lowrey, R. 1, Van Wert, Ohio. 69
- EGGS** for hatching from the famous Shenandoah Valley thoroughbred Wyandottes, Barred Rocks, Minorcas, Leghorns, Hamburgs (the great egg machines), raised in the green fields of Virginia in the vale of Shenandoah, the home of the prize winners

and the world's greatest egg producers. Free circular. Shenandoah Poultry Farm, Maurertown, Virginia, 70

EGGS from select matings \$1 per 15. Rose Comb Reds, White Plymouth Rocks and White Leghorns. All breeders from best laying strain. Two third hatch guaranteed. Mrs. N. F. May, Hamburg, Miss. 71

S. C. BLACK MINORCAS—Indian Runner Ducks. Blue ribbon winners. Eggs, pen No. 1, \$1.50 per 15; pen No. 2, \$1.00 per 15; duck eggs, \$1.50 per 15. Special prices on 50 and 100 lots. Mrs. J. F. Carroll, Hohenwald, Tenn. 71

BUTTERCUPS, Single Comb Black Minorcas, White Wyandottes. Breeding stock for sale. Eggs, \$1.50 and \$2.00 setting. J. B. Sander, R. 7, Box 99, Paducah, Ky. 74

EXTENSIVE Catalogue Free. 20 eggs, \$1.00. Leading varieties poultry, ducks, etc. H. H. Godshall, Box S. Telford, Pa. 71

EGGS—Buff Orpingtons, \$2.00 and White Leghorns, \$1.25. Standard bred. Day old chicks. Member Buff Orpington Club. Mrs. I. E. Jones, Mt. Pleasant, N. C. 69

COCKERELS AND EGGS. Buff Orpingtons, White Wyandottes, Houdans, Rose Comb White Orpingtons, Pekin ducks. State Fair winners. Some of eggs cost \$20.00 sitting. Eggs, \$2.00; cockerels, \$1.25. \$2. Also eggs from \$200 imported pen. Cockerels, 11¼ lbs.; pullets, 9¼ lbs. Ad will not appear again; number limited. L. D. Berry, Franklin, Ky. 69

KENTUCKY'S EAGLE FARM—Bourbon Red and Bronze toms, \$4.00. R. I. Red pullets and cockerels, \$1.00 up. No turkey hens nor eggs for sale. Eagle Farm, Sparta, Ky. 69

S. C. WHITE AND BROWN LEGHORNS—Also S. C. Buff Orpington eggs, at \$2.00 per 15 eggs. I. N. Grubbs, R. 2, Afton, Tenn. 71

EGGS from thoroughbred Single Comb Rhode Island Reds and White Leghorns, \$1.50 and \$2.00. Cockerels cheap. Dr. Veto Phillips, Bear Creek, Ala. 71

EGGS—Black Minorca, R. C. Reds, Silver Penciled Rocks, also Pekin Duck. Mrs. J. H. Browning, Judsonia, Ark. 71

TURKEYS

EGGS—from prize winning White Holland Turkeys, 1st, 2nd, 3rd, Virginia Poultry Show, 1909 and 1910. Eggs selected according to ribbons. Write for prices. M. C. Bell, Shirley, Va. 69

FOR SALE—Full blood Mammoth Bronze turkey eggs; \$2.50 sitting. Stock bred from prize winners. Mrs. M. Morris, Fairview Poultry Yards, R. 1, Collierville, Tenn. 69

WYANDOTTES

FOR SALE—40 BUFF WYANDOTTES. J. M. Workman, Burlington, N. C. 81

COLUMBIAN WYANDOTTES are unequalled for beauty and utility. Eggs from winners at Charlotte and Monroe and their best offspring. P. L. Hennessy, Shelby, N. C. 69

PARTRIDGE WYANDOTTES—Stock or eggs. W. J. Seals, Childersburg, Ala. 70

EGGS FROM BRED-TO-LAY White Wyandottes: 15, \$1.50; 30, \$2.50. Stock for sale. Three Springs Poultry Farm, Whitesburg, Tenn. 70

MERCK'S WHITE WYANDOTTES. The winter layers. Eggs for hatching, \$1.50 per 15. Satisfaction guaranteed. David E. Merck, R. 4, Jefferson, Ga. 70

PARTRIDGE WYANDOTTES—Silver Cup and Blue Ribbon Winners—none better. Eggs, \$2 to \$3 per 15. Some fine breeders \$2 to \$5 each. Special matings and exhibition stock a matter of correspondence. Rex Poultry Yards, Knoxville, Tenn., Route 12. 69

BUFF WYANDOTTES. Excellent shape and color. Eggs from best pen, \$2.00 per 15. Dr. M. R. Moorman, Huntsville, Ala. 71

A FEW NICE WHITE WYANDOTTE cockerels for sale cheap. Ben H. New, Carrollton, Ga. 70

COLUMBIAN WYANDOTTES—"The World's Best." My pens are headed by birds sired by winners at Boston, New York, and Cleveland. Eggs, \$2 and \$3. Mating list free. Chas. M. Catlett, Oberlin, Ohio. 70

MALE HELP

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